

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038075.D
 Acq On : 16 Dec 2022 20:07
 Operator : CG/JU
 Sample : N5925-14
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXZ5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 16 23:21:52 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 : Thu Dec 15 21:53:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	4358	0.400	ng/ul	0.00
4) Naphthalene-d8	10.873	136	14158	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	8445	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	18411	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	15317	0.400	ng/ul	0.00
23) Perylene-d12	24.041	264	14756	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	19887	3.339	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	5145	0.249	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	11572	0.208	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.922	128	9167	0.214	ng/ul	98
7) 2-Methylnaphthalene	12.522	142	2980	0.113	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	2722	0.101	ng/ul	100
10) Acenaphthylene	14.402	152	3781	0.085	ng/ul#	90
11) Acenaphthene	14.745	153	4333	0.129	ng/ul	99
12) Fluorene	15.725	166	6459	0.174	ng/ul	98
14) Pentachlorophenol	17.071	266	559	0.073	ng/ul	95
15) Phenanthrene	17.459	178	96176	1.551	ng/ul	99
16) Anthracene	17.548	178	16584	0.289	ng/ul	97
19) Fluoranthene	19.464	202	154967	1.959	ng/ul	96
20) Pyrene	19.826	202	107369m	1.329	ng/ul	
21) Benzo(a)anthracene	21.565	228	63249	0.956	ng/ul	99
22) Chrysene	21.621	228	62901	0.942	ng/ul	97
24) Benzo(b)fluoranthene	23.287	252	86923	1.242	ng/ul	94
25) Benzo(k)fluoranthene	23.330	252	26093m	0.386	ng/ul	
26) Benzo(a)pyrene	23.930	252	43732	0.742	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.602	276	31925	0.432	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.612	278	9473	0.164	ng/ul#	81
29) Benzo(g,h,i)perylene	27.397	276	22104	0.352	ng/ul	98

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

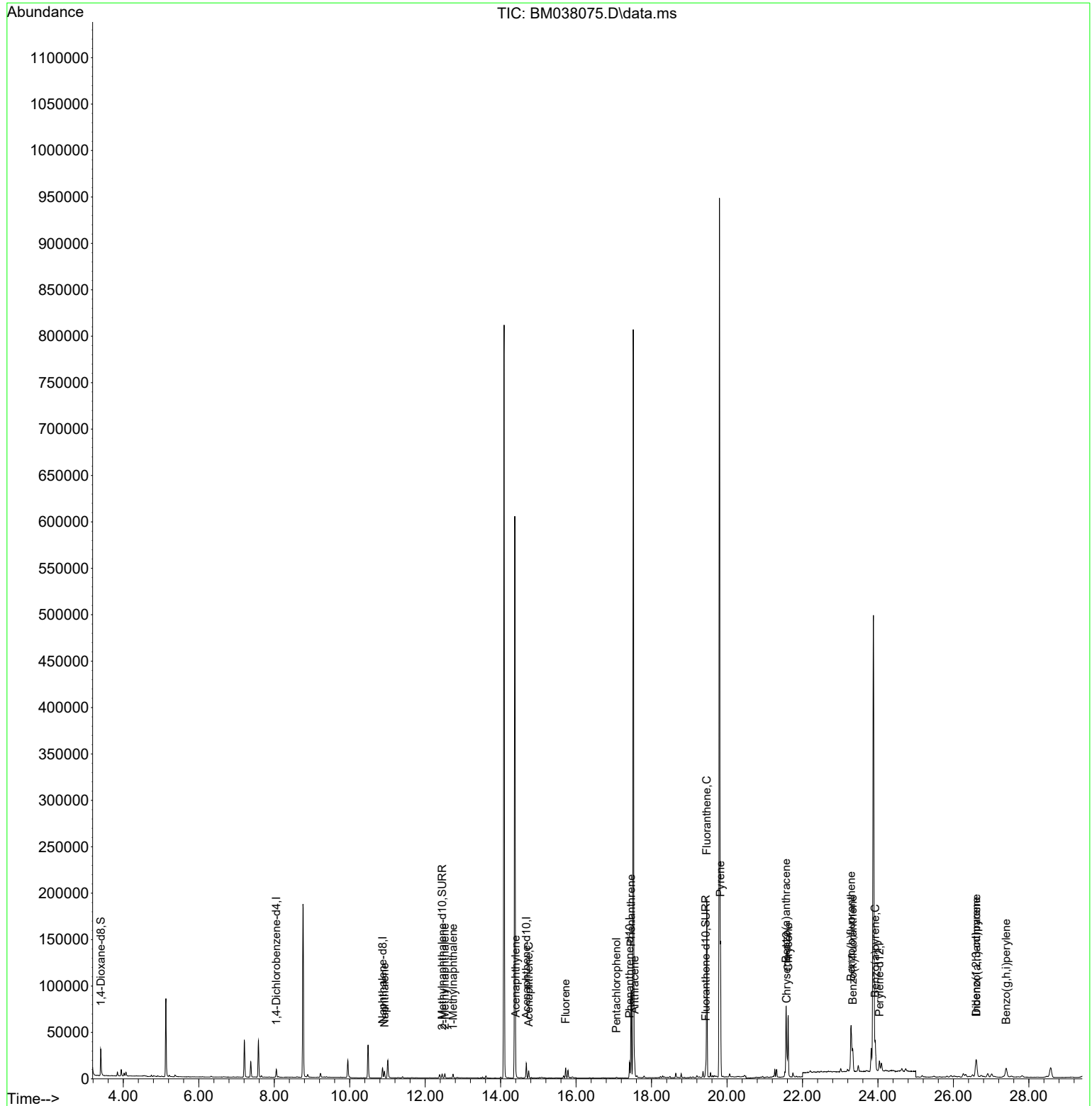
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038075.D
Acq On : 16 Dec 2022 20:07
Operator : CG/JU
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ALS Vial : 56 Sample Multiplier: 1

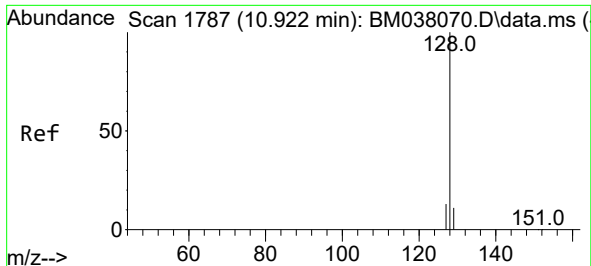
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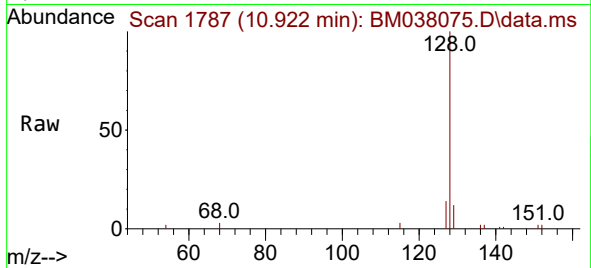
Quant Time: Dec 16 23:21:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.214 ng/ul
RT: 10.922 min Scan# 1787
Delta R.T. -0.005 min
Lab File: BM038075.D
Acq: 16 Dec 2022 20:07

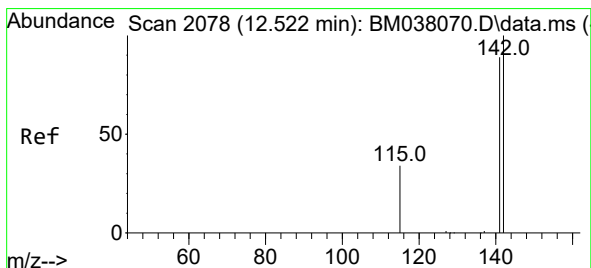
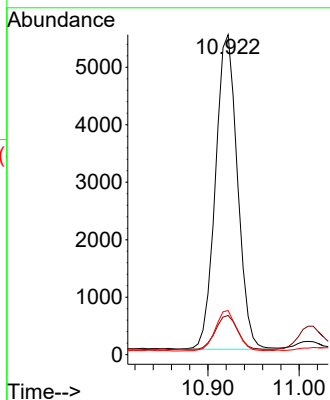
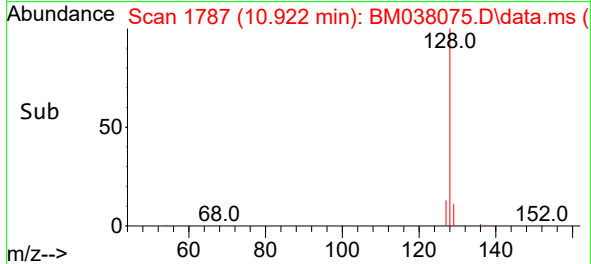
Instrument :
BNA_M
ClientSampleId :
DBXZ5



Tgt Ion:128 Resp: 916
Ion Ratio Lower Upper
128 100
129 12.2 9.1 13.7
127 13.8 10.4 15.6

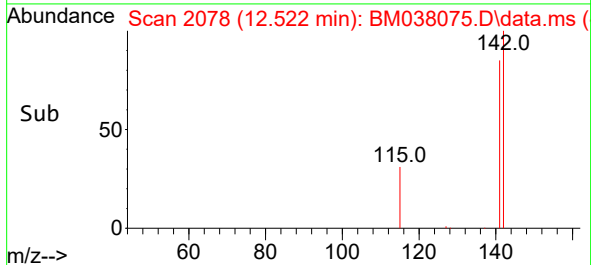
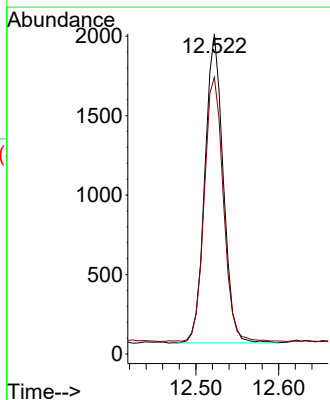
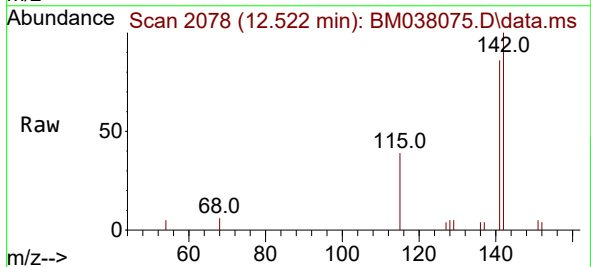
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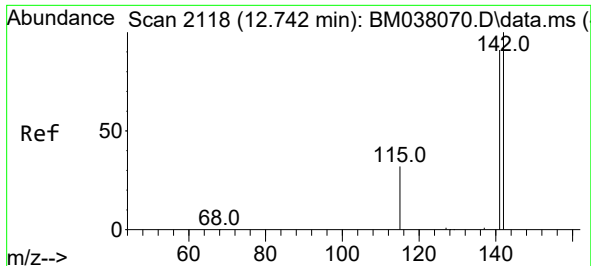
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#7
2-Methylnaphthalene
Concen: 0.113 ng/ul
RT: 12.522 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM038075.D
Acq: 16 Dec 2022 20:07

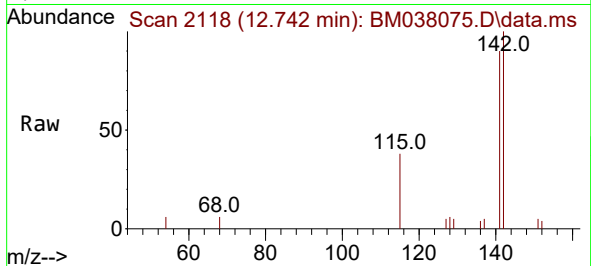
Tgt Ion:142 Resp: 2980
Ion Ratio Lower Upper
142 100
141 89.2 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.742 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM038075.D
Acq: 16 Dec 2022 20:07

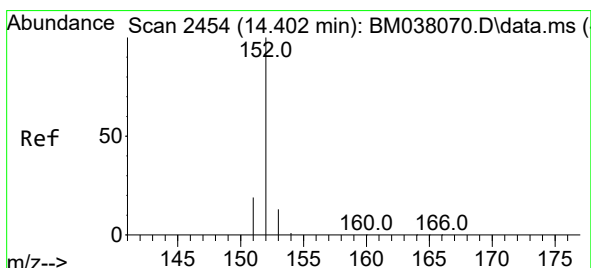
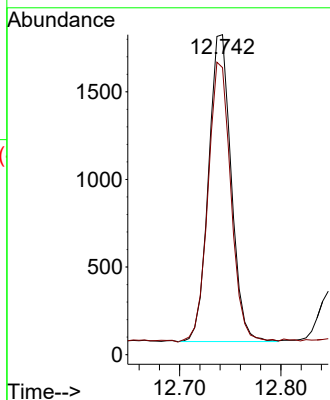
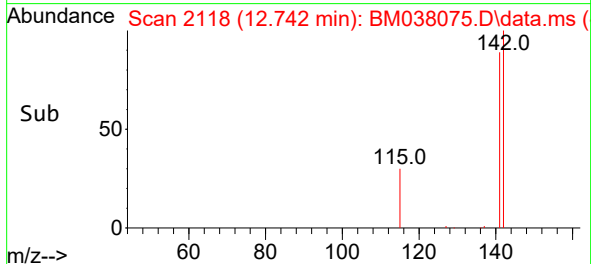
Instrument :
BNA_M
ClientSampleId :
DBXZ5



Tgt Ion:142 Resp: 272
Ion Ratio Lower Upper
142 100
141 92.2 73.6 110.4

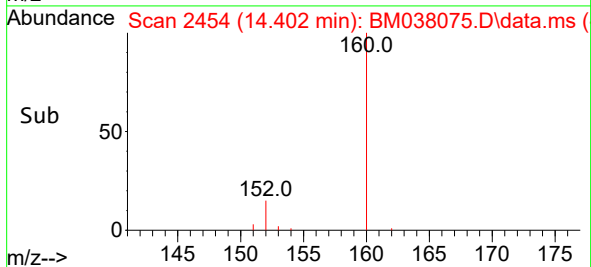
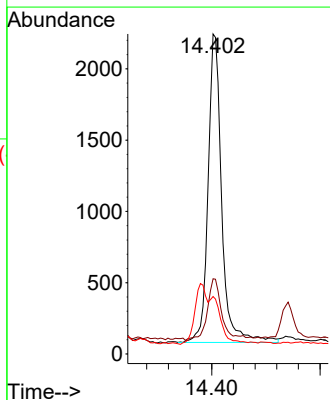
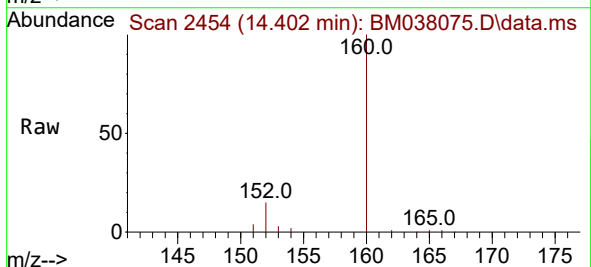
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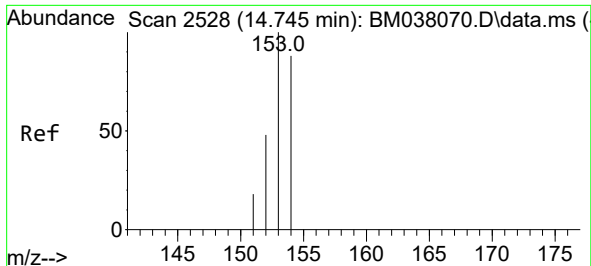
Reviewed By :Jagrut Upadhyay 12/19/2022
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#10
Acenaphthylene
Concen: 0.085 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. -0.005 min
Lab File: BM038075.D
Acq: 16 Dec 2022 20:07

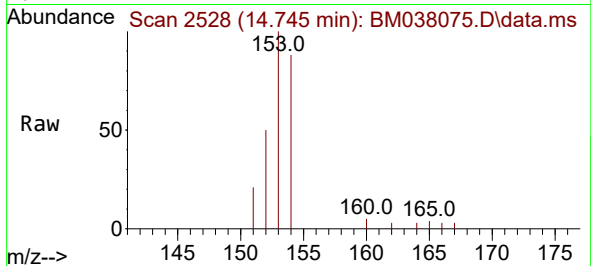
Tgt Ion:152 Resp: 3781
Ion Ratio Lower Upper
152 100
151 23.5 15.5 23.3#
153 18.0 11.0 16.4#





#11
Acenaphthene
Concen: 0.129 ng/ul
RT: 14.745 min Scan# 2528
Delta R.T. -0.005 min
Lab File: BM038075.D
Acq: 16 Dec 2022 20:07

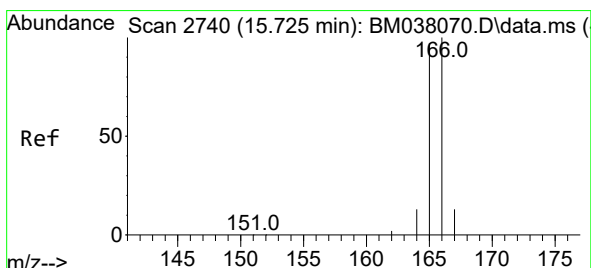
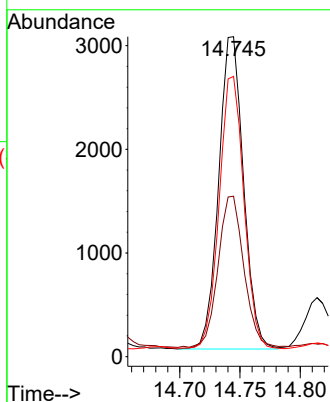
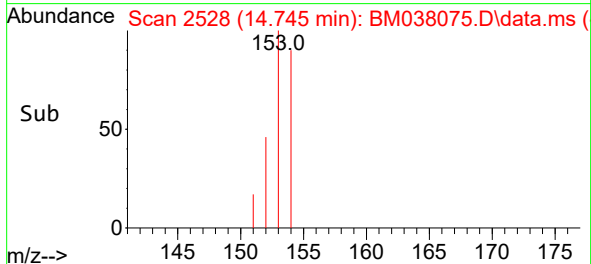
Instrument :
BNA_M
ClientSampleId :
DBXZ5



Tgt Ion:153 Resp: 433
Ion Ratio Lower Upper
153 100
152 50.1 39.5 59.3
154 87.6 69.2 103.8

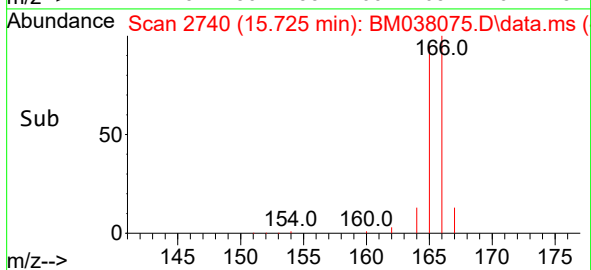
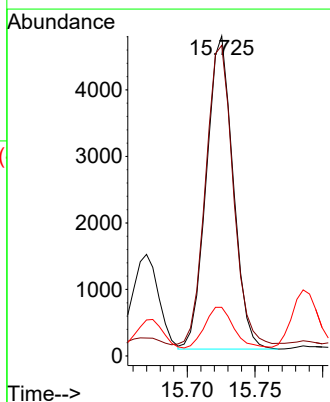
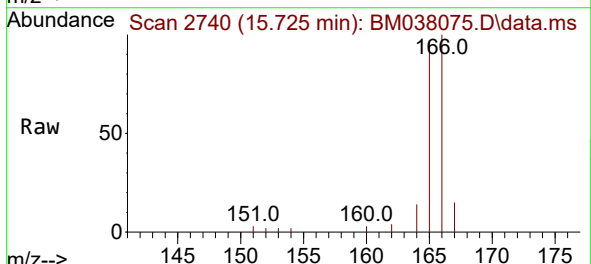
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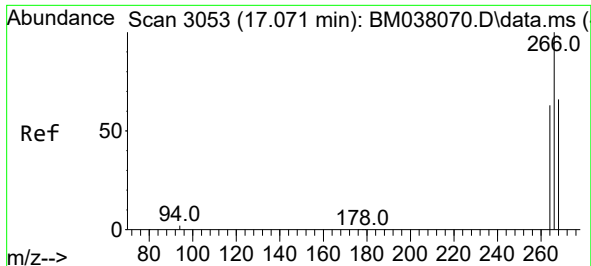
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#12
Fluorene
Concen: 0.174 ng/ul
RT: 15.725 min Scan# 2740
Delta R.T. -0.005 min
Lab File: BM038075.D
Acq: 16 Dec 2022 20:07

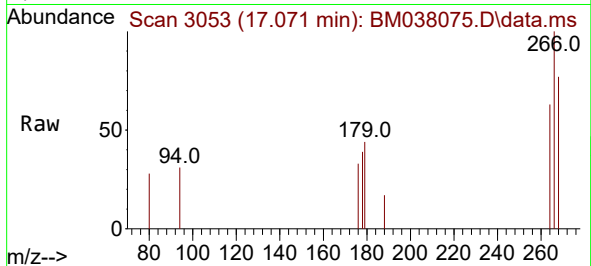
Tgt Ion:166 Resp: 6459
Ion Ratio Lower Upper
166 100
165 97.0 79.0 118.4
167 15.2 11.1 16.7





#14
Pentachlorophenol
Concen: 0.073 ng/ul
RT: 17.071 min Scan# 3053
Delta R.T. 0.000 min
Lab File: BM038075.D
Acq: 16 Dec 2022 20:07

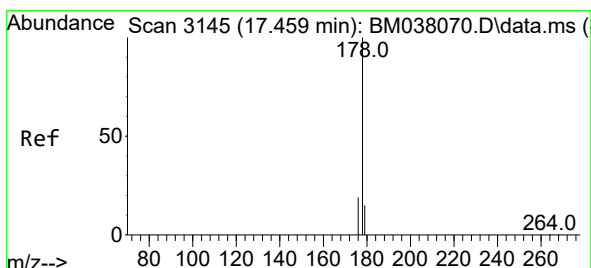
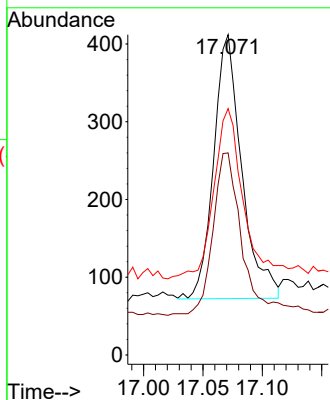
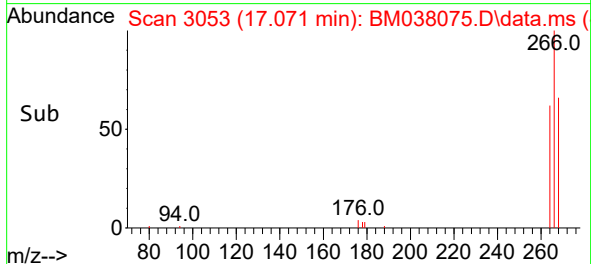
Instrument :
BNA_M
ClientSampleId :
DBXZ5



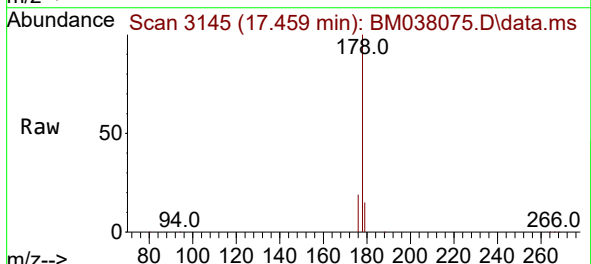
Tgt Ion:266 Resp: 559
Ion Ratio Lower Upper
266 100
264 65.1 49.9 74.9
268 70.1 52.0 78.0

Manual Integrations
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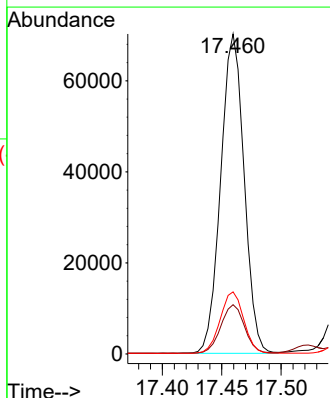
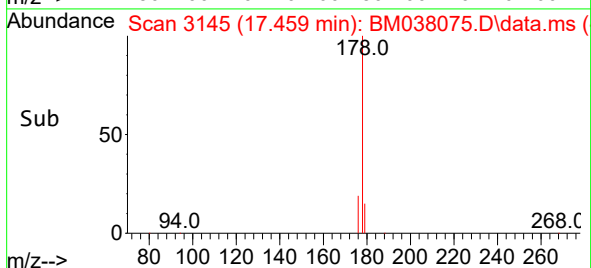
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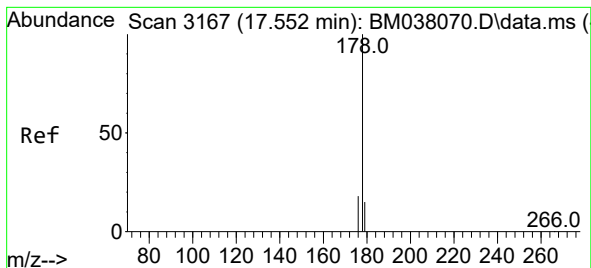


#15
Phenanthrene
Concen: 1.551 ng/ul
RT: 17.459 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM038075.D
Acq: 16 Dec 2022 20:07



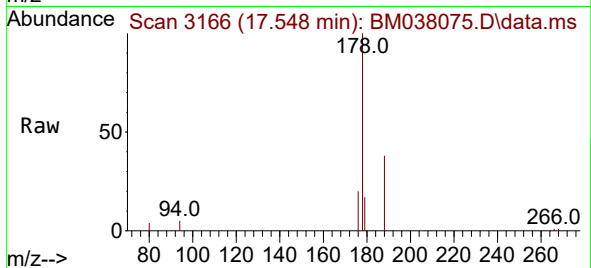
Tgt Ion:178 Resp: 96176
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.4 15.8 23.6





#16
 Anthracene
 Concen: 0.289 ng/ul
 RT: 17.548 min Scan# 3166
 Delta R.T. -0.008 min
 Lab File: BM038075.D
 Acq: 16 Dec 2022 20:07

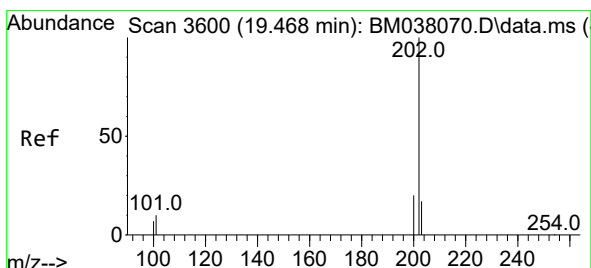
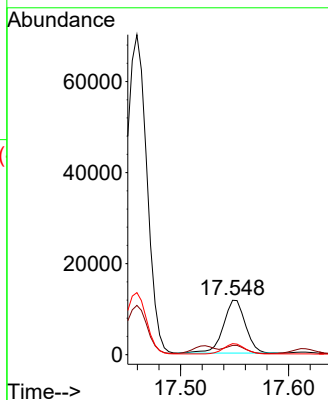
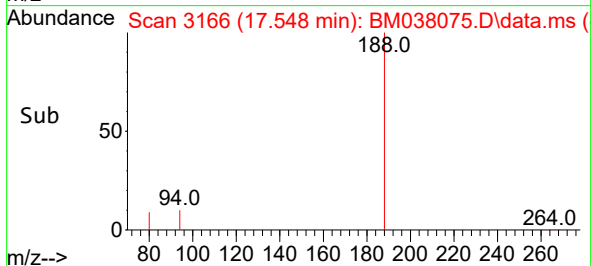
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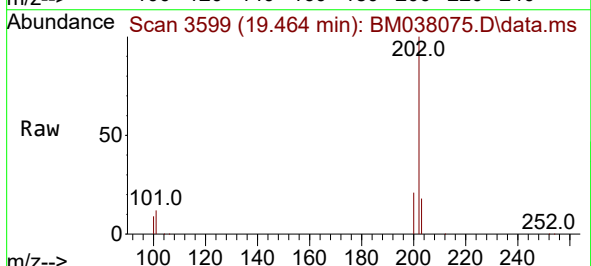
Tgt Ion:178 Resp: 16584
 Ion Ratio Lower Upper
 178 100
 179 17.1 13.0 19.4
 176 20.3 15.0 22.4

Manual Integrations
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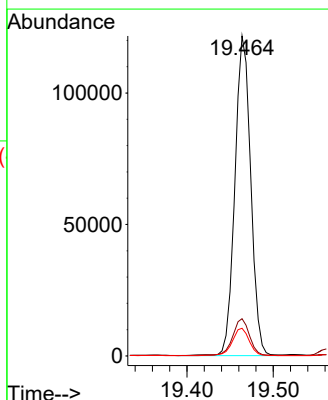
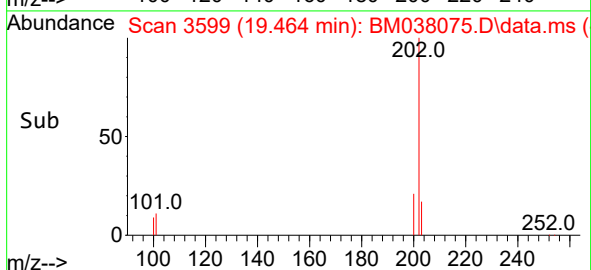
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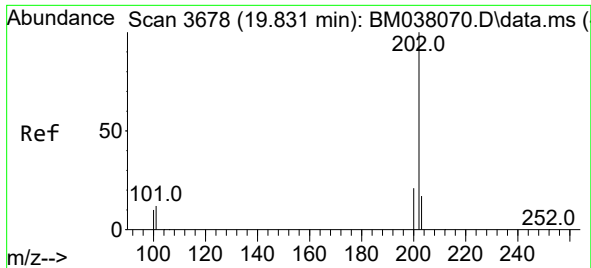


#19
 Fluoranthene
 Concen: 1.959 ng/ul
 RT: 19.464 min Scan# 3599
 Delta R.T. -0.005 min
 Lab File: BM038075.D
 Acq: 16 Dec 2022 20:07



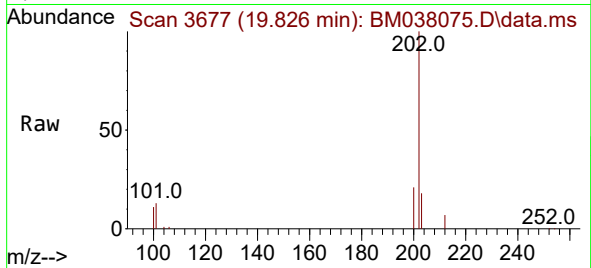
Tgt Ion:202 Resp: 154967
 Ion Ratio Lower Upper
 202 100
 101 11.6 10.6 15.8
 100 8.7 7.9 11.9





#20
Pyrene
Concen: 1.329 ng/ul m
RT: 19.826 min Scan# 3677
Delta R.T. -0.005 min
Lab File: BM038075.D
Acq: 16 Dec 2022 20:07

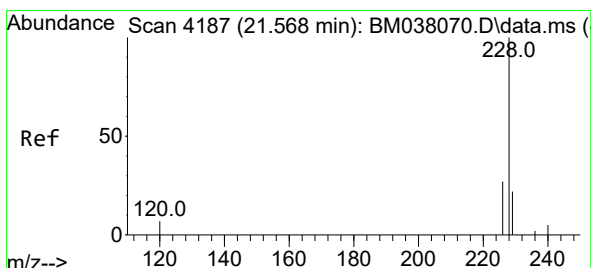
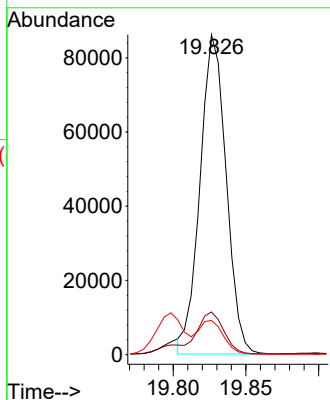
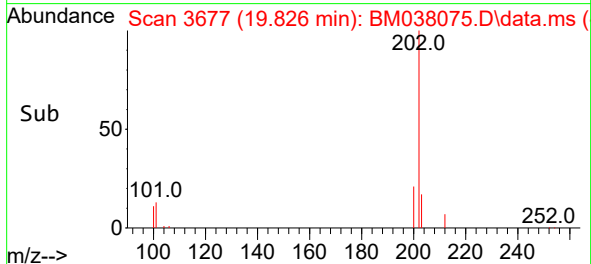
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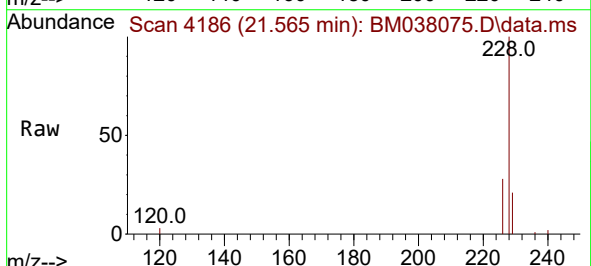
Tgt Ion:202 Resp: 107369
Ion Ratio Lower Upper
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101 13.3 12.1 18.1
100 10.7 9.8 14.6

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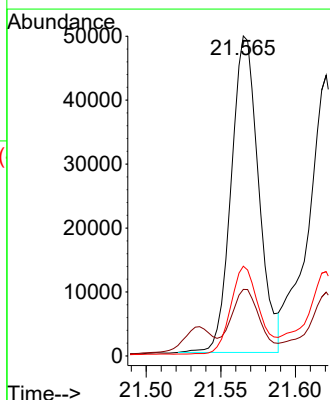
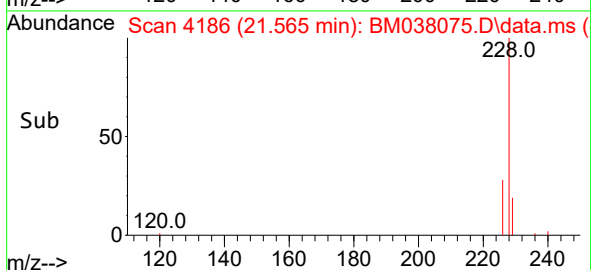
Reviewed By :Jagrut Upadhyay 12/19/2022
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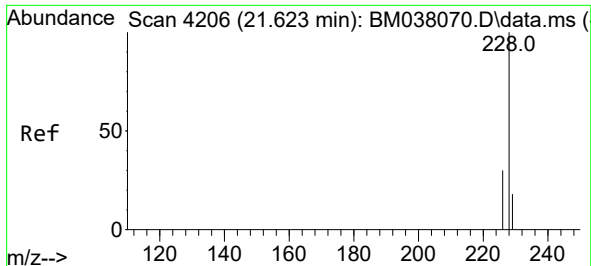


#21
Benzo(a)anthracene
Concen: 0.956 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. -0.003 min
Lab File: BM038075.D
Acq: 16 Dec 2022 20:07



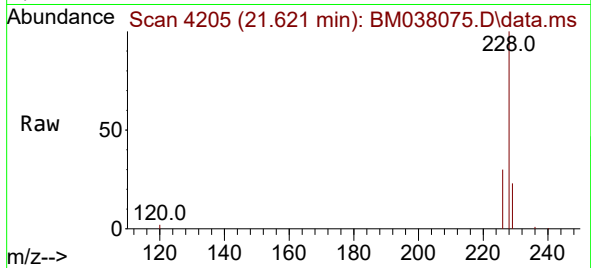
Tgt Ion:228 Resp: 63249
Ion Ratio Lower Upper
228 100
229 20.8 15.9 23.9
226 28.0 22.1 33.1





#22
Chrysene
Concen: 0.942 ng/ul
RT: 21.621 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM038075.D
Acq: 16 Dec 2022 20:07

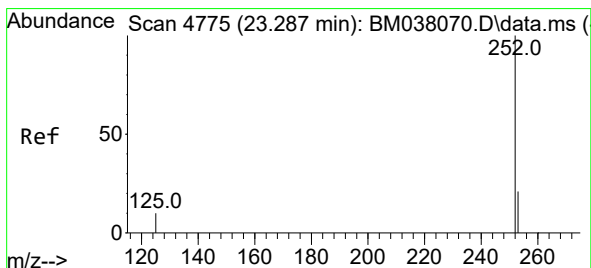
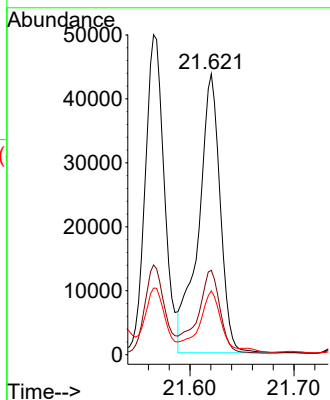
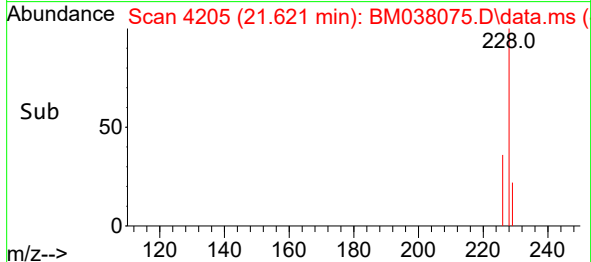
Instrument :
BNA_M
ClientSampleId :
DBXZ5



Tgt Ion:228 Resp: 6290
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 22.7 15.7 23.5

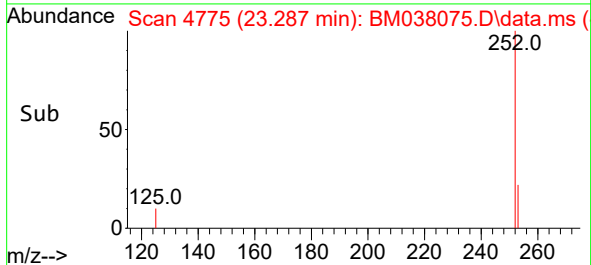
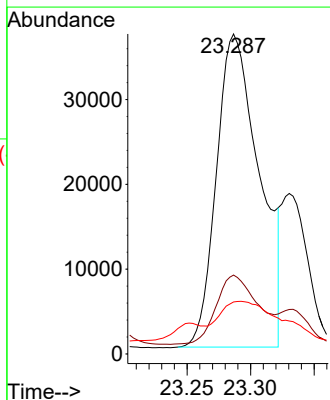
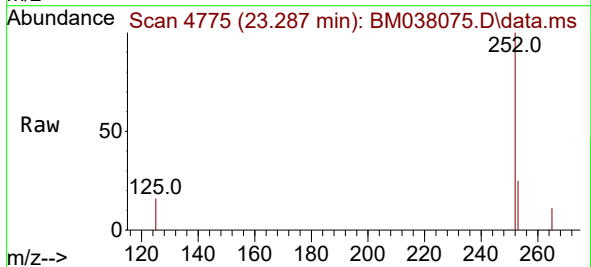
Manual Integrations
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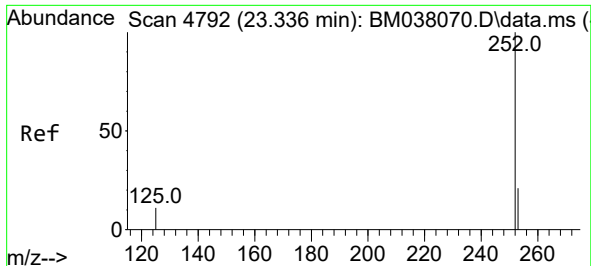
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#24
Benzo(b)fluoranthene
Concen: 1.242 ng/ul
RT: 23.287 min Scan# 4775
Delta R.T. 0.000 min
Lab File: BM038075.D
Acq: 16 Dec 2022 20:07

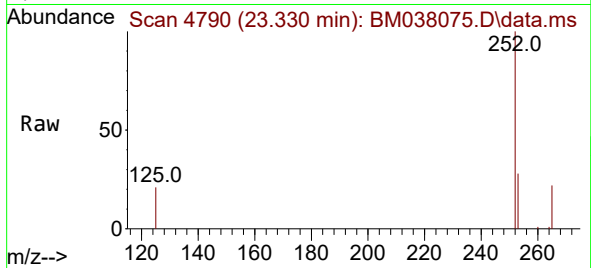
Tgt Ion:252 Resp: 86923
Ion Ratio Lower Upper
252 100
253 24.7 0.0 51.8
125 16.3 0.0 42.2





#25
Benzo(k)fluoranthene
Concen: 0.386 ng/ul m
RT: 23.330 min Scan# 4792
Delta R.T. -0.006 min
Lab File: BM038075.D
Acq: 16 Dec 2022 20:07

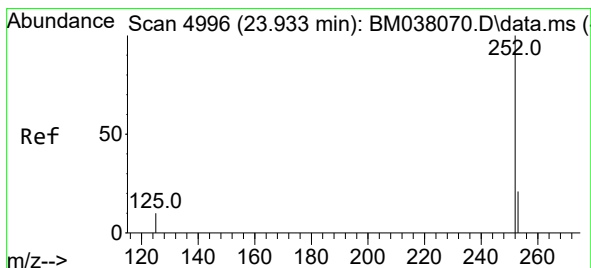
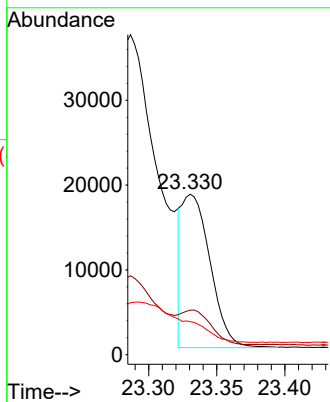
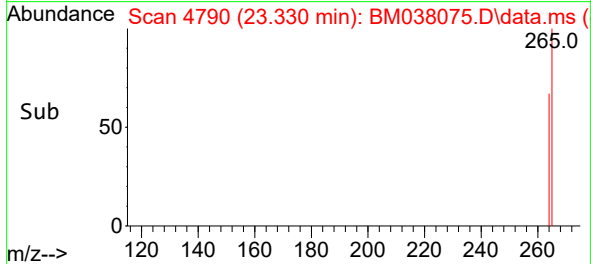
Instrument :
BNA_M
ClientSampleId :
DBXZ5



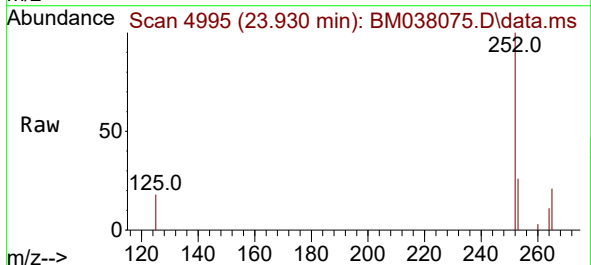
Tgt Ion:252 Resp: 2609
Ion Ratio Lower Upper
252 100
253 27.8 20.8 31.2
125 20.5 17.1 25.7

Manual Integrations
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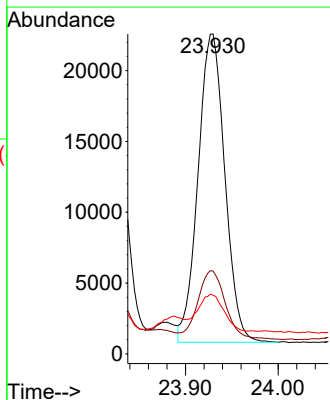
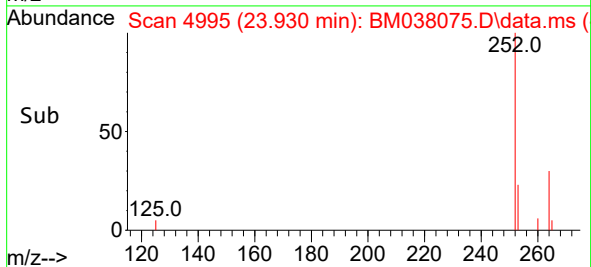
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

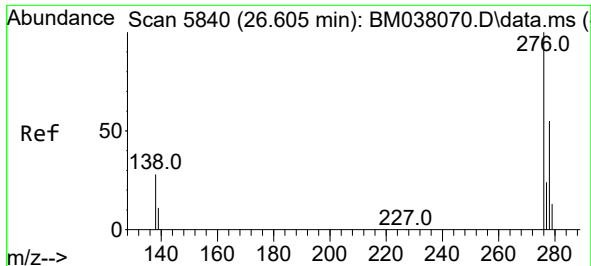


#26
Benzo(a)pyrene
Concen: 0.742 ng/ul
RT: 23.930 min Scan# 4995
Delta R.T. 0.000 min
Lab File: BM038075.D
Acq: 16 Dec 2022 20:07



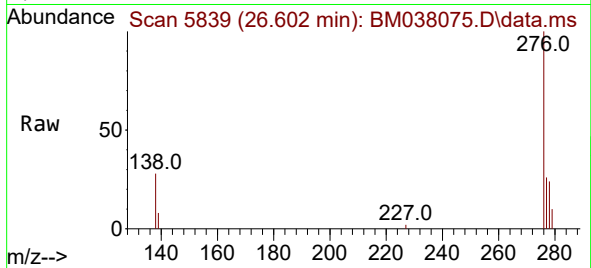
Tgt Ion:252 Resp: 43732
Ion Ratio Lower Upper
252 100
253 25.9 21.9 32.9
125 18.3 20.7 31.1#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.432 ng/ul
RT: 26.602 min Scan# 5839
Delta R.T. -0.007 min
Lab File: BM038075.D
Acq: 16 Dec 2022 20:07

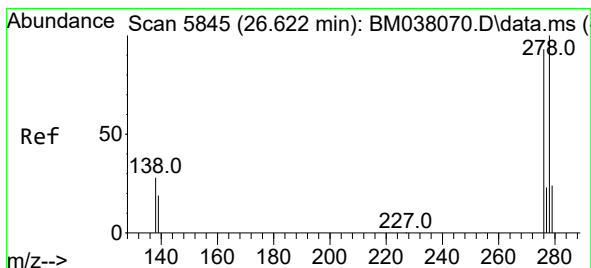
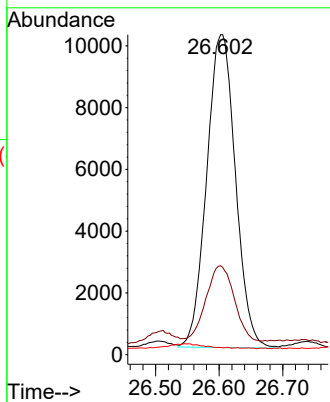
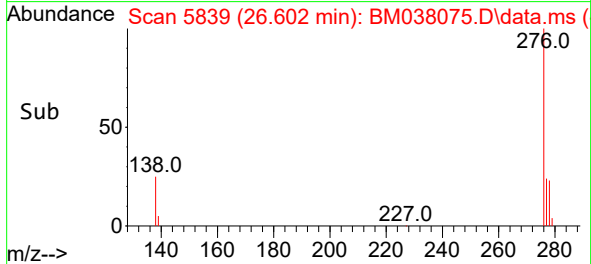
Instrument :
BNA_M
ClientSampleId :
DBXZ5



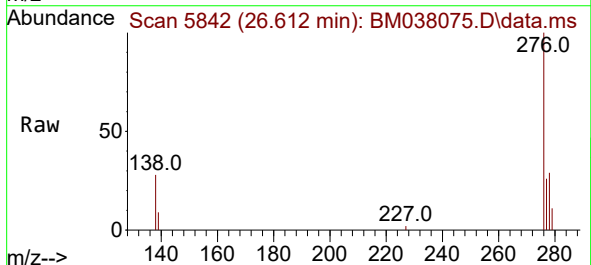
Tgt Ion: 276 Resp: 3192
Ion Ratio Lower Upper
276 100
138 24.0 26.6 40.0#
227 0.0 0.1 0.1#

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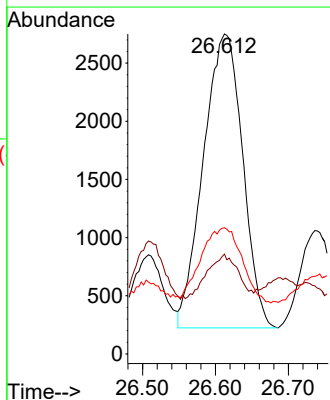
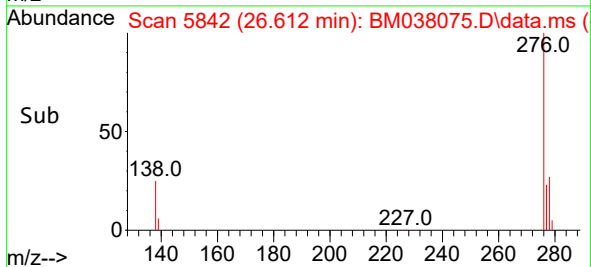
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

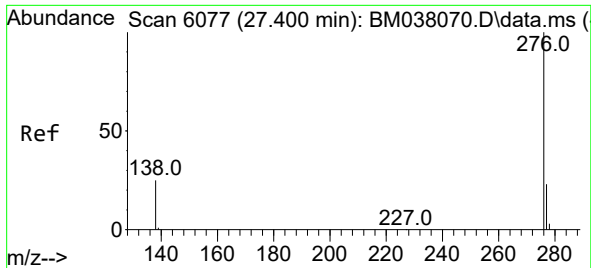


#28
Dibenzo(a,h)anthracene
Concen: 0.164 ng/ul
RT: 26.612 min Scan# 5842
Delta R.T. -0.010 min
Lab File: BM038075.D
Acq: 16 Dec 2022 20:07



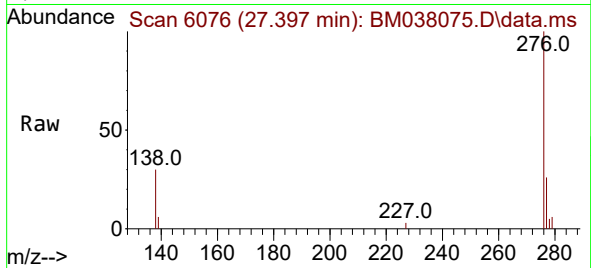
Tgt Ion: 278 Resp: 9473
Ion Ratio Lower Upper
278 100
139 31.2 19.0 28.6#
279 39.4 22.4 33.6#





#29
Benzo(g,h,i)perylene
Concen: 0.352 ng/ul
RT: 27.397 min Scan# 6076
Delta R.T. -0.003 min
Lab File: BM038075.D
Acq: 16 Dec 2022 20:07

Instrument :
BNA_M
ClientSampleId :
DBXZ5



Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	24.1	36.1
277	25.7	19.0	28.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

