

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038073.D
 Acq On : 16 Dec 2022 18:52
 Operator : CG/JU
 Sample : N5925-03
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXQ9

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 01:12:25 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	8.059	152	6059	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	18780	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	10755	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	23686	0.400	ng/ul	0.00
17) Chrysene-d12	21.585	240	21277	0.400	ng/ul	0.00
23) Perylene-d12	24.044	264	20123	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	25945	3.133	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	7408	0.270	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	21287	0.276	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.922	128	1761	0.031	ng/ul#	86
7) 2-Methylnaphthalene	12.522	142	856	0.024	ng/ul	100
10) Acenaphthylene	14.407	152	2465	0.044	ng/ul#	88
11) Acenaphthene	14.745	153	1128	0.026	ng/ul	92
12) Fluorene	15.725	166	973	0.021	ng/ul#	90
14) Pentachlorophenol	17.071	266	1018	0.104	ng/ul	99
15) Phenanthrene	17.459	178	28070	0.352	ng/ul	99
16) Anthracene	17.552	178	6767	0.092	ng/ul#	93
19) Fluoranthene	19.464	202	107245	0.976	ng/ul	99
20) Pyrene	19.831	202	88097m	0.785	ng/ul	
21) Benzo(a)anthracene	21.568	228	51620	0.562	ng/ul	98
22) Chrysene	21.623	228	58822	0.634	ng/ul	97
24) Benzo(b)fluoranthene	23.289	252	84359	0.884	ng/ul#	73
25) Benzo(k)fluoranthene	23.336	252	27872m	0.303	ng/ul	
26) Benzo(a)pyrene	23.936	252	50768	0.632	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.609	276	37231	0.369	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.615	278	9071	0.115	ng/ul#	35
29) Benzo(g,h,i)perylene	27.404	276	33488	0.391	ng/ul	95

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

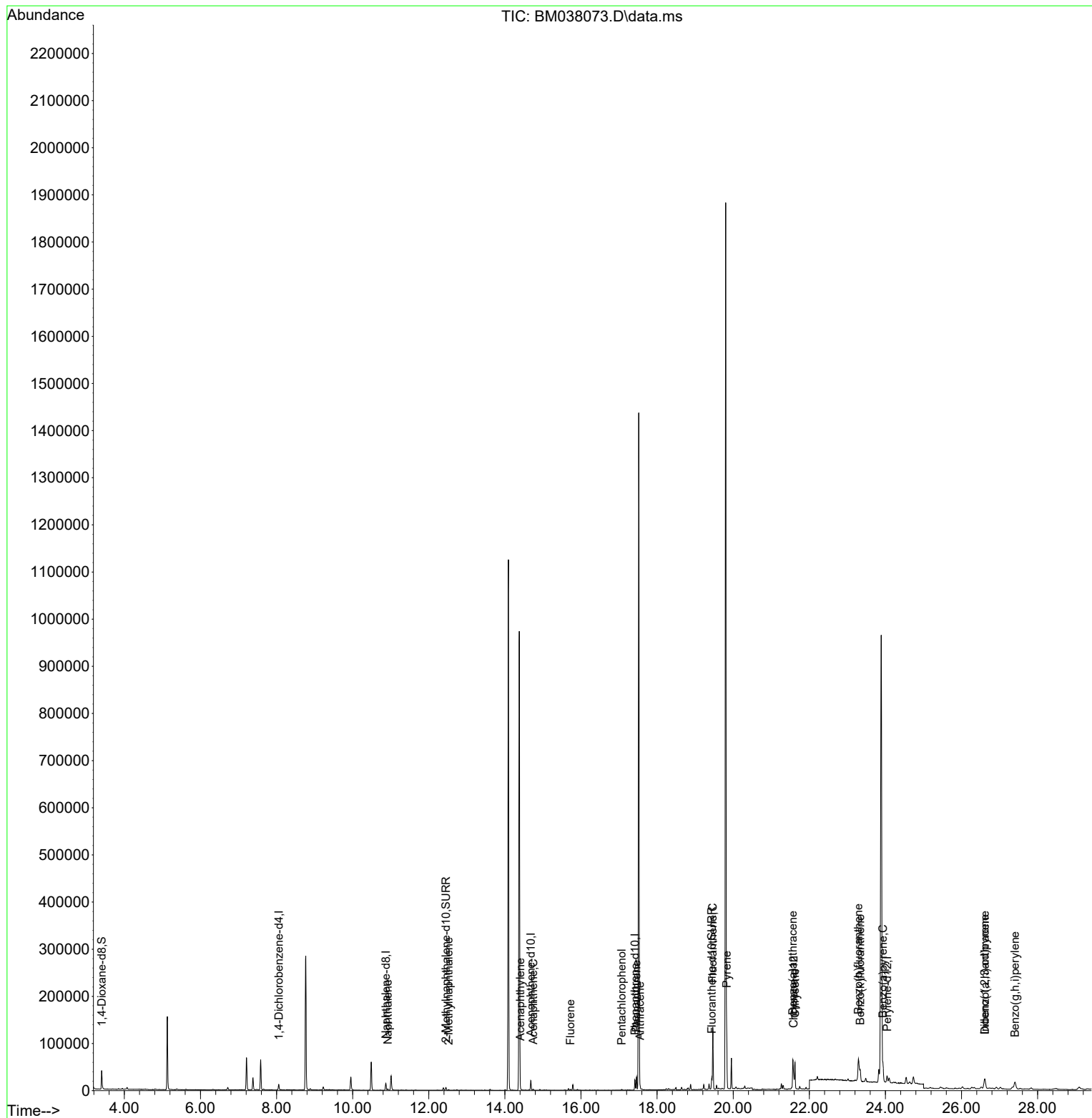
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038073.D
Acq On : 16 Dec 2022 18:52
Operator : CG/JU
Sample : N5925-03
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ALS Vial : 54 Sample Multiplier: 1

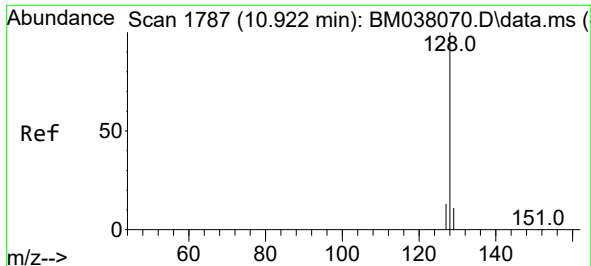
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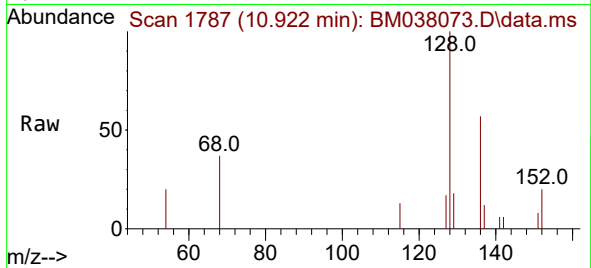
Quant Time: Dec 17 01:12:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.922 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

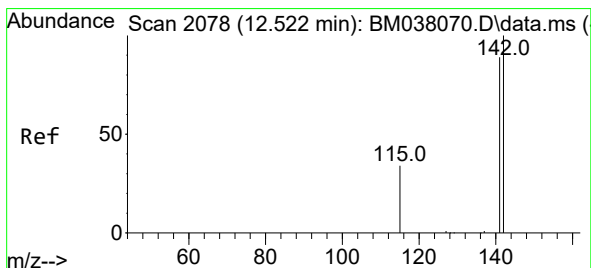
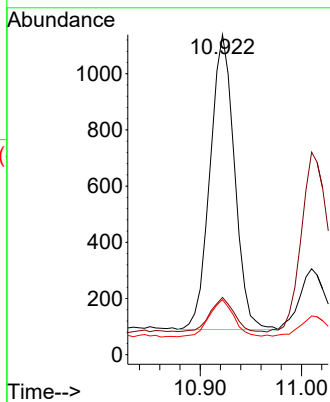
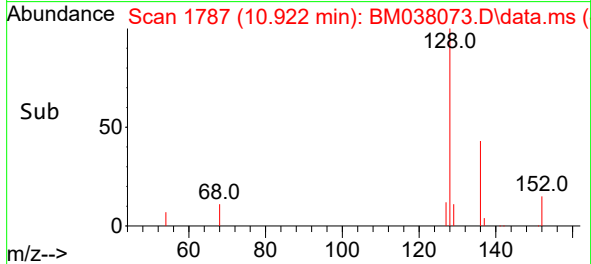
Instrument :
BNA_M
ClientSampleId :
DBXQ9



Tgt Ion:128 Resp: 176
Ion Ratio Lower Upper
128 100
129 17.9 9.1 13.7
127 17.2 10.4 15.6

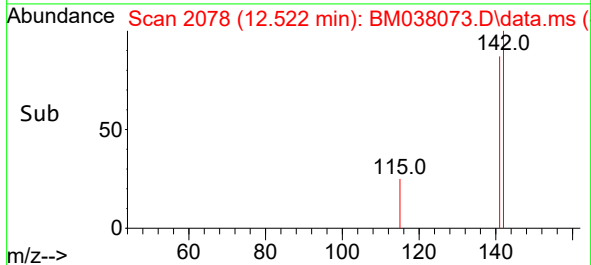
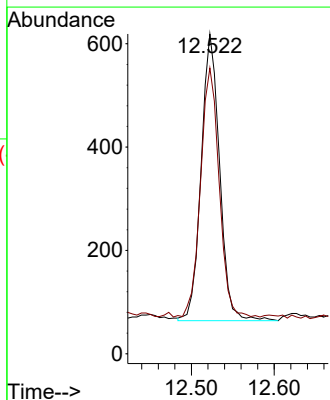
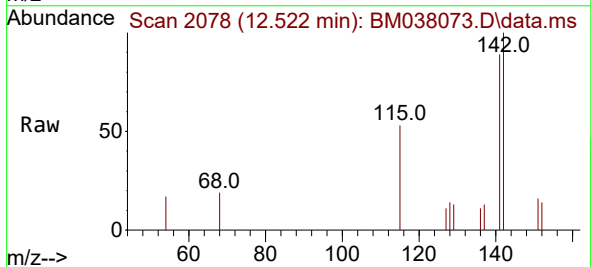
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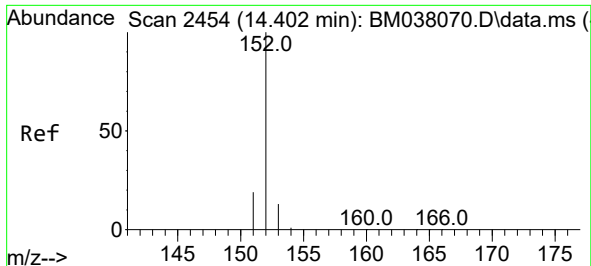
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.522 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

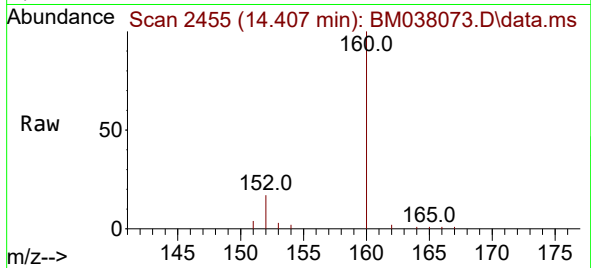
Tgt Ion:142 Resp: 856
Ion Ratio Lower Upper
142 100
141 87.6 70.4 105.6





#10
Acenaphthylene
Concen: 0.044 ng/ul
RT: 14.407 min Scan# 2454
Delta R.T. -0.000 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

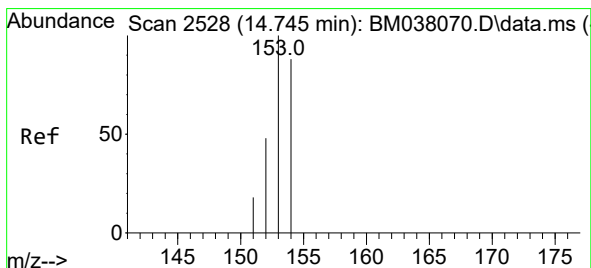
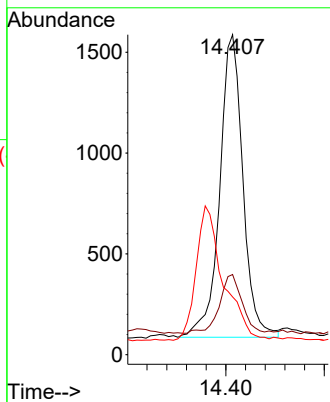
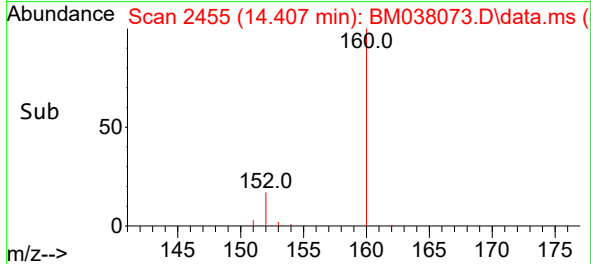
Instrument :
BNA_M
ClientSampleId :
DBXQ9



Tgt Ion:152 Resp: 246
Ion Ratio Lower Upper
152 100
151 25.0 15.5 23.3
153 18.0 11.0 16.4

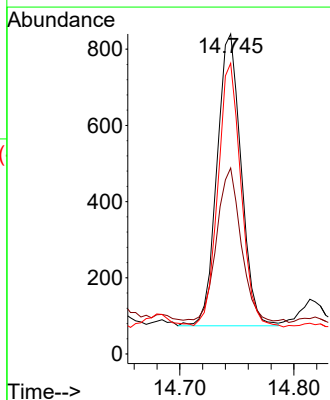
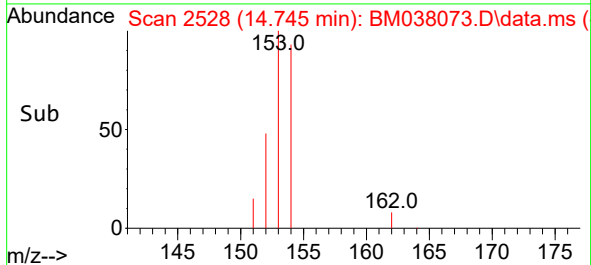
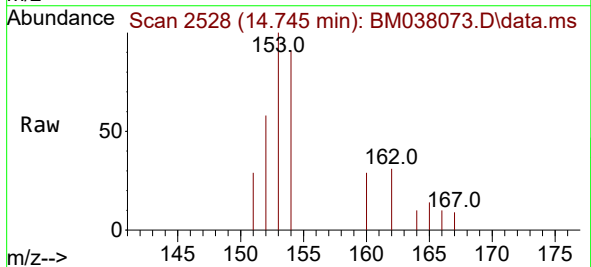
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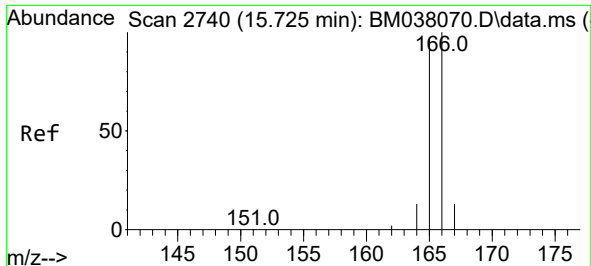
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.745 min Scan# 2528
Delta R.T. -0.005 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

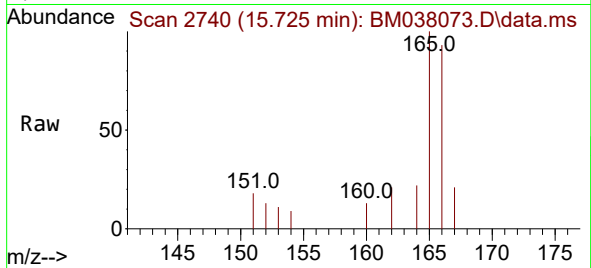
Tgt Ion:153 Resp: 1128
Ion Ratio Lower Upper
153 100
152 58.1 39.5 59.3
154 90.8 69.2 103.8





#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.725 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

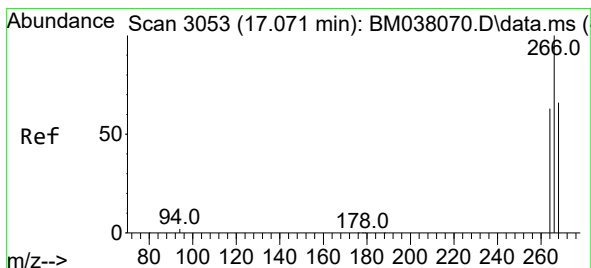
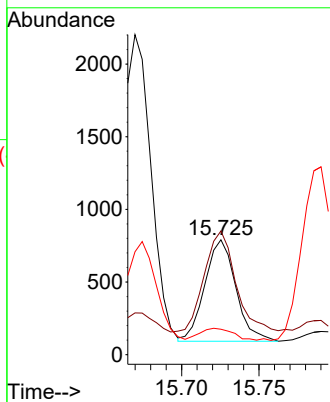
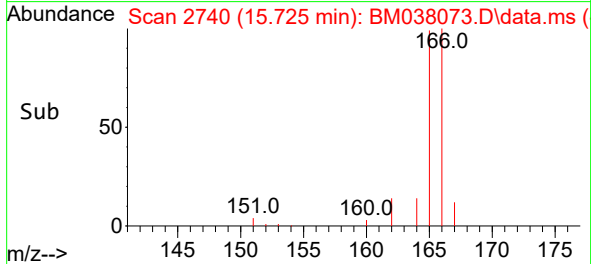
Instrument :
BNA_M
ClientSampleId :
DBXQ9



Tgt Ion:166 Resp: 97
Ion Ratio Lower Upper
166 100
165 107.6 79.0 118.4
167 22.1 11.1 16.7

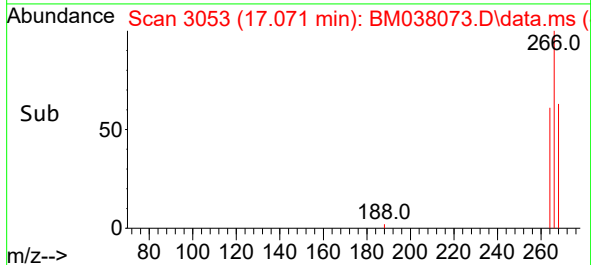
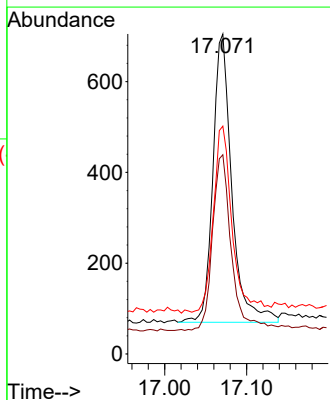
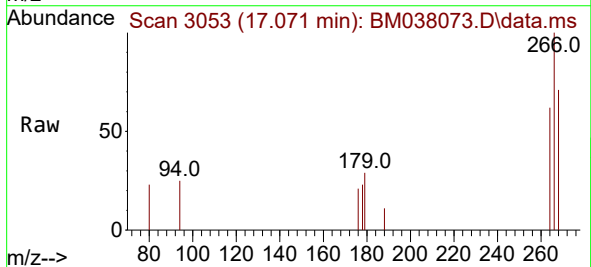
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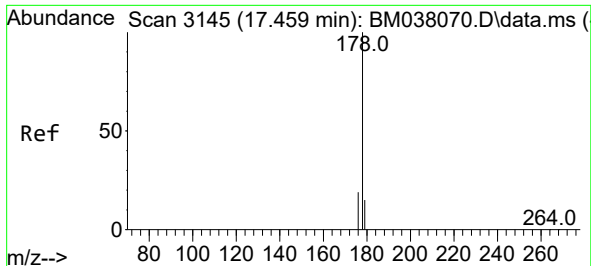
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#14
Pentachlorophenol
Concen: 0.104 ng/ul
RT: 17.071 min Scan# 3053
Delta R.T. -0.000 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

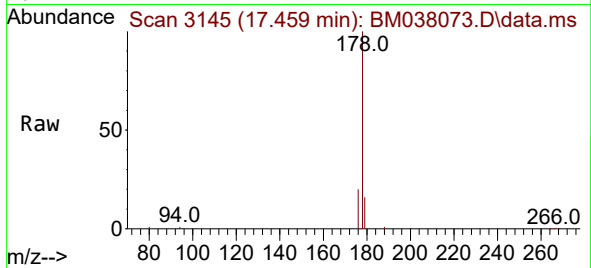
Tgt Ion:266 Resp: 1018
Ion Ratio Lower Upper
266 100
264 62.1 49.9 74.9
268 64.2 52.0 78.0





#15
Phenanthrene
Concen: 0.352 ng/u1
RT: 17.459 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

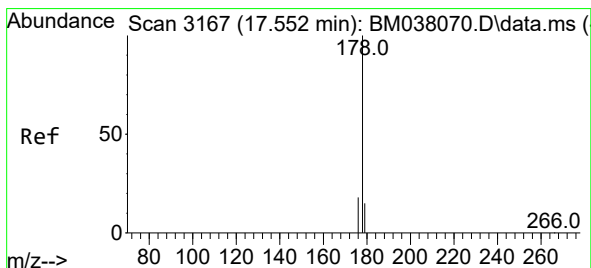
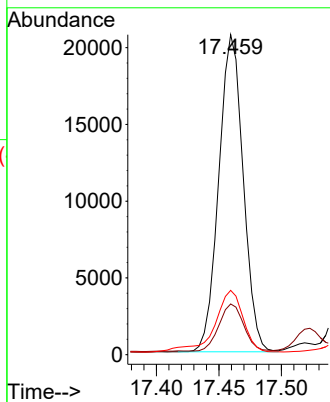
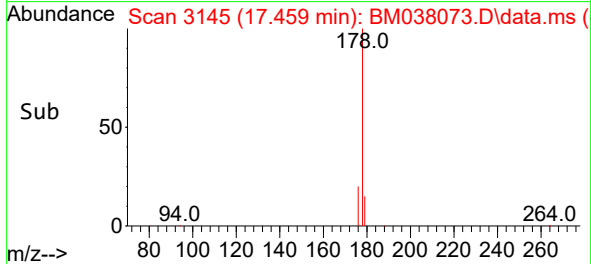
Instrument :
BNA_M
ClientSampleId :
DBXQ9



Tgt Ion:178 Resp: 28070
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 20.1 15.8 23.6

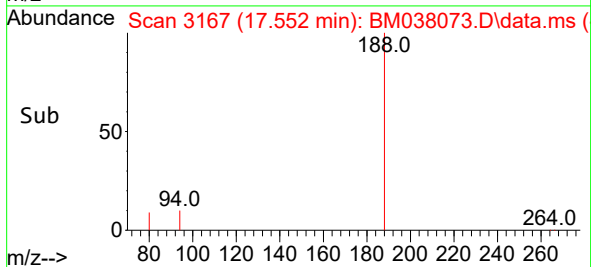
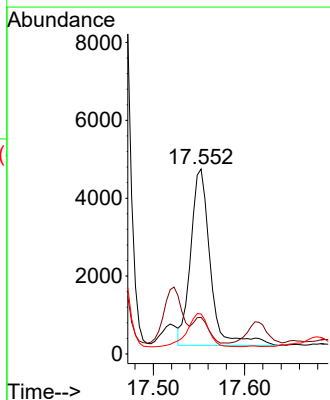
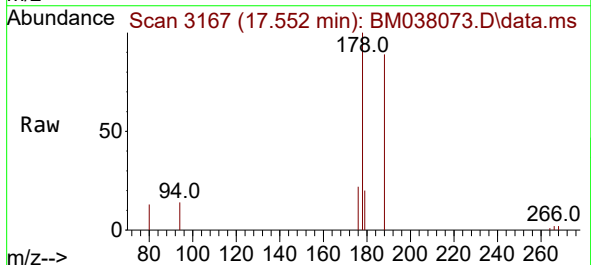
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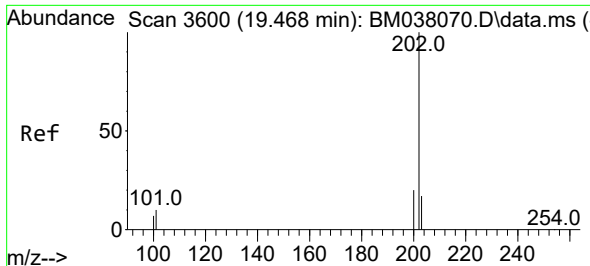
Reviewed By :Jagrut Upadhyay 12/19/2022
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#16
Anthracene
Concen: 0.092 ng/u1
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

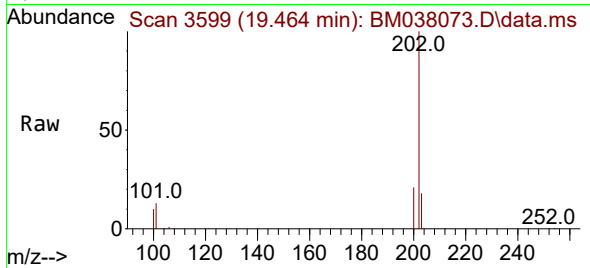
Tgt Ion:178 Resp: 6767
Ion Ratio Lower Upper
178 100
179 19.8 13.0 19.4#
176 21.7 15.0 22.4





#19
Fluoranthene
Concen: 0.976 ng/ul
RT: 19.464 min Scan# 3599
Delta R.T. -0.005 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

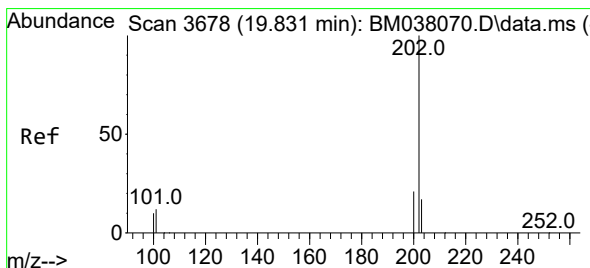
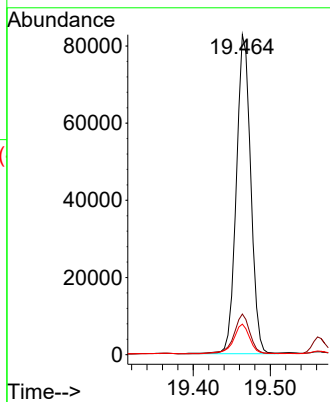
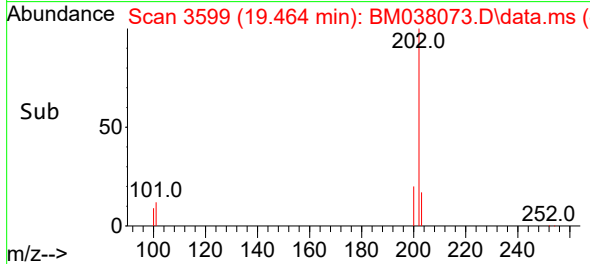
Instrument :
BNA_M
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DBXQ9



Tgt Ion:202 Resp: 107245
Ion Ratio Lower Upper
202 100
101 12.7 10.6 15.8
100 9.6 7.9 11.9

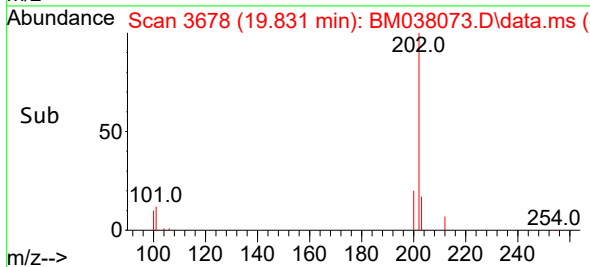
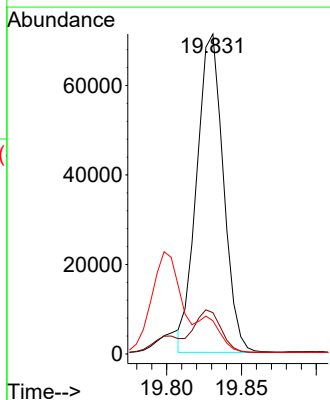
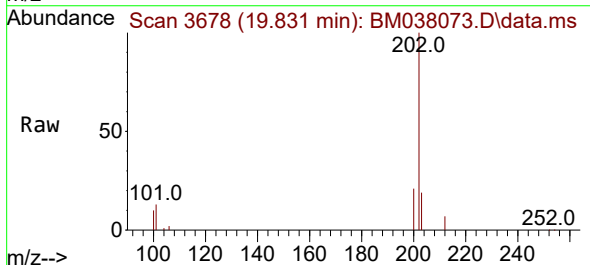
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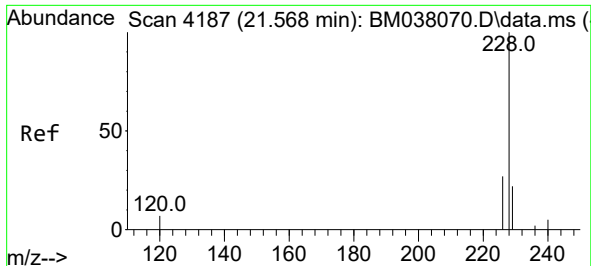
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#20
Pyrene
Concen: 0.785 ng/ul m
RT: 19.831 min Scan# 3678
Delta R.T. -0.000 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

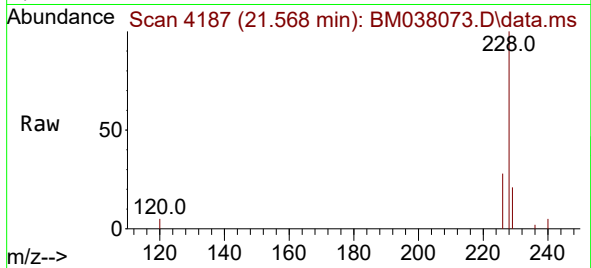
Tgt Ion:202 Resp: 88097
Ion Ratio Lower Upper
202 100
101 12.9 12.1 18.1
100 10.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.562 ng/ul
RT: 21.568 min Scan# 4187
Delta R.T. -0.000 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

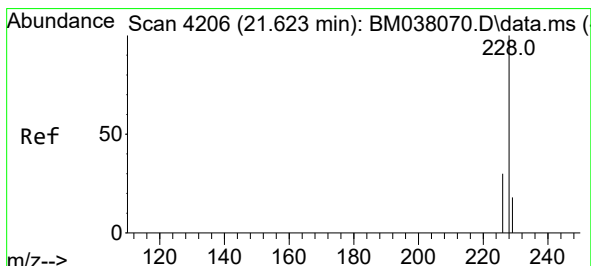
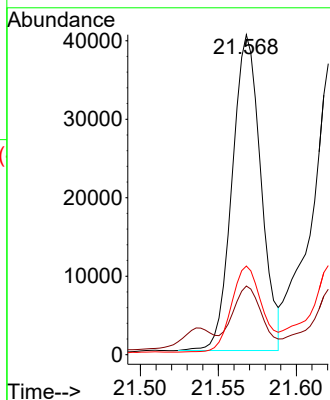
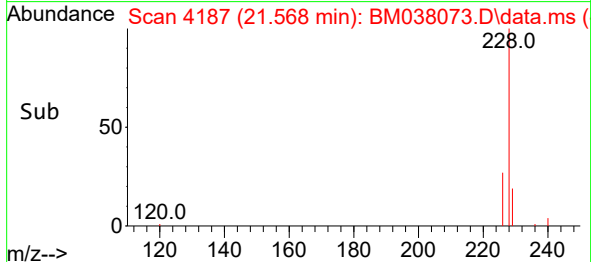
Instrument :
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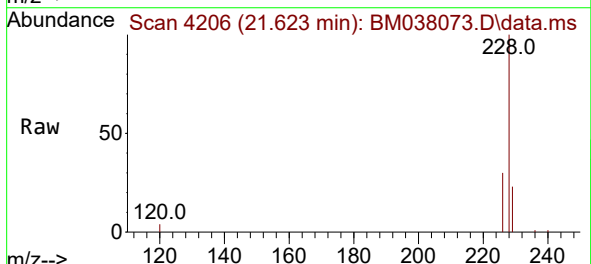
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Ion Ratio Lower Upper
228 100
229 21.5 15.9 23.9
226 27.7 22.1 33.1

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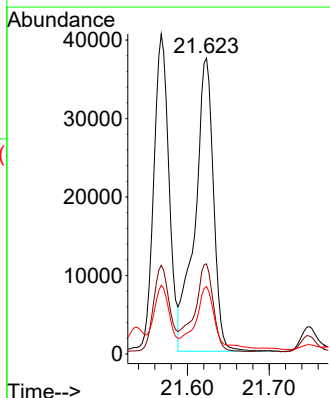
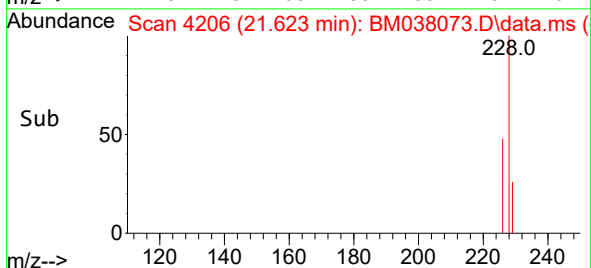
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

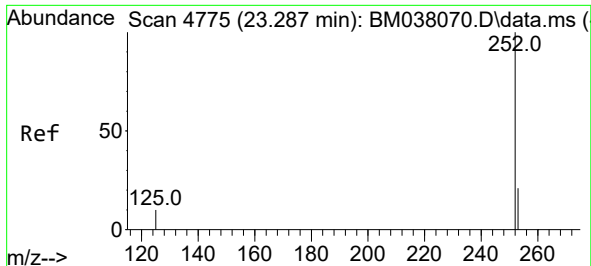


#22
Chrysene
Concen: 0.634 ng/ul
RT: 21.623 min Scan# 4206
Delta R.T. -0.000 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52



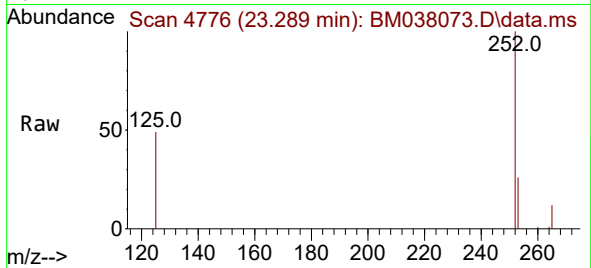
Tgt Ion:228 Resp: 58822
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 22.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.884 ng/ul
RT: 23.289 min Scan# 4775
Delta R.T. 0.003 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

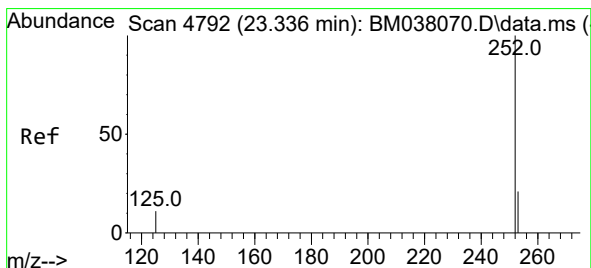
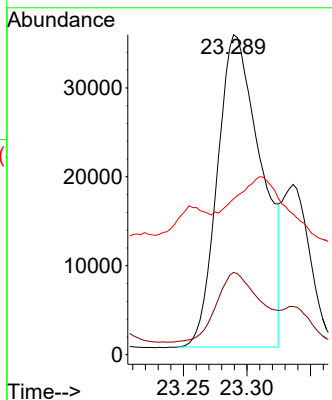
Instrument :
BNA_M
ClientSampleId :
DBXQ9



Tgt Ion:252 Resp: 84359
Ion Ratio Lower Upper
252 100
253 25.7 0.0 51.8
125 48.7 0.0 42.2

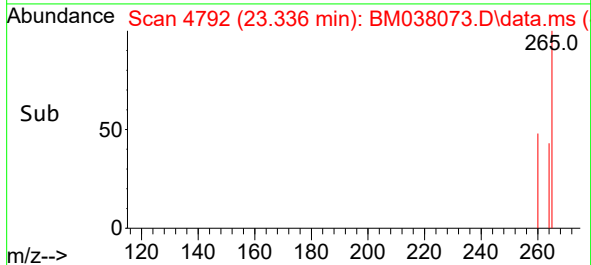
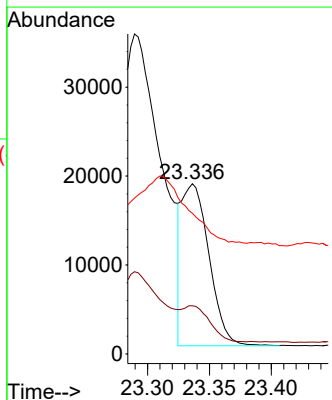
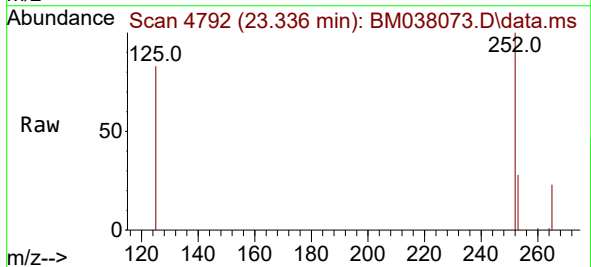
Manual Integrations
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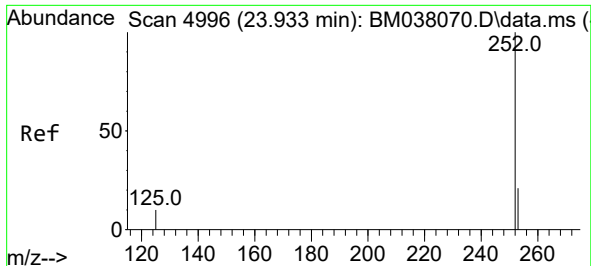
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#25
Benzo(k)fluoranthene
Concen: 0.303 ng/ul m
RT: 23.336 min Scan# 4792
Delta R.T. -0.000 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

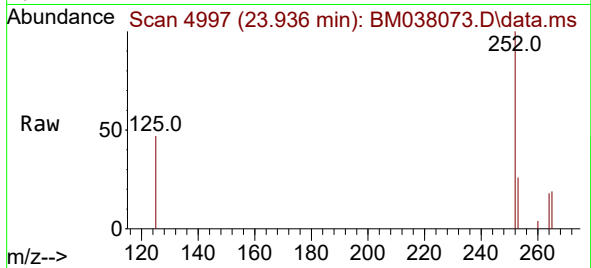
Tgt Ion:252 Resp: 27872
Ion Ratio Lower Upper
252 100
253 28.3 20.8 31.2
125 82.6 17.1 25.7#





#26
Benzo(a)pyrene
Concen: 0.632 ng/ul
RT: 23.936 min Scan# 4997
Delta R.T. 0.006 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

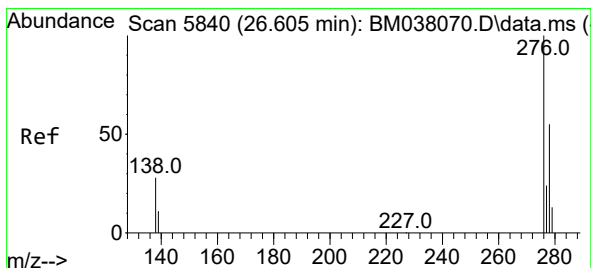
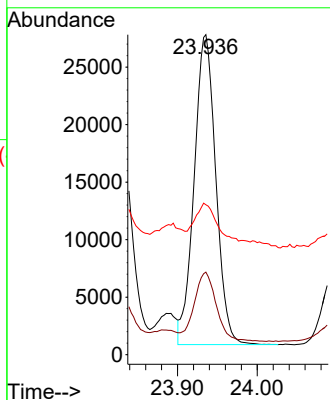
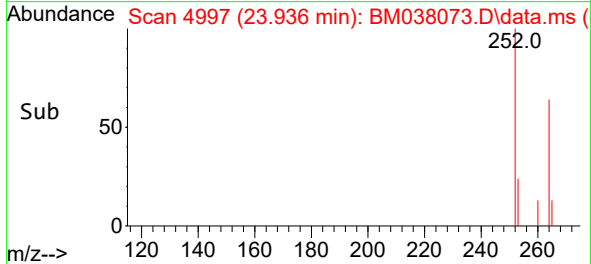
Instrument :
BNA_M
ClientSampleId :
DBXQ9



Tgt Ion:252 Resp: 50768
Ion Ratio Lower Upper
252 100
253 25.8 21.9 32.9
125 46.9 20.7 31.1

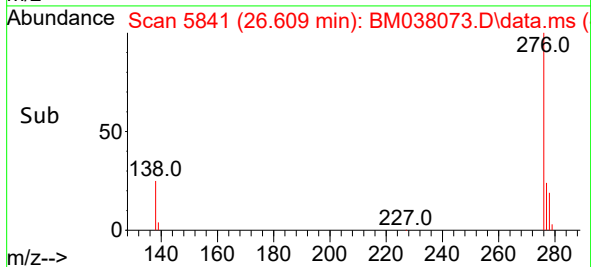
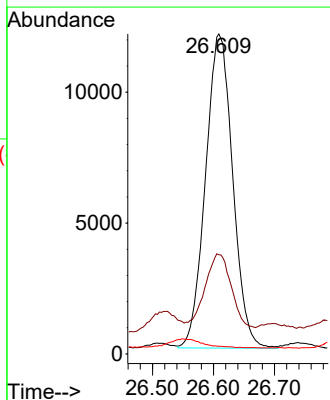
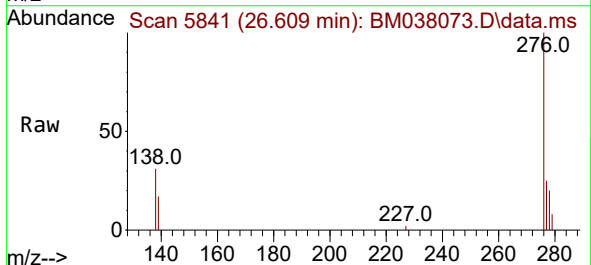
Manual Integrations
APPROVED

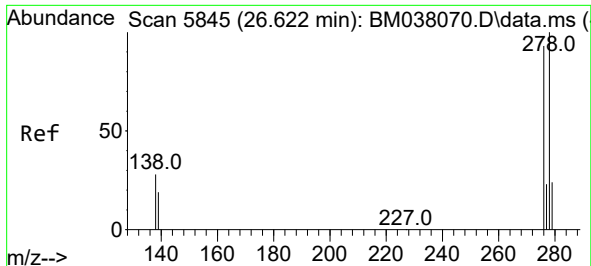
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng/ul
RT: 26.609 min Scan# 5841
Delta R.T. -0.000 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

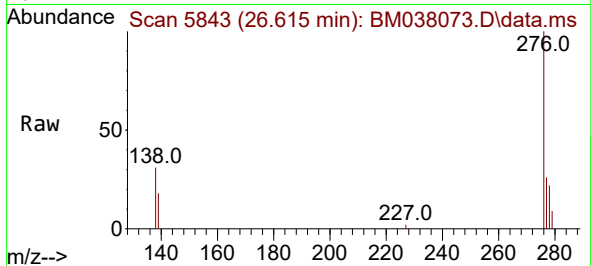
Tgt Ion:276 Resp: 37231
Ion Ratio Lower Upper
276 100
138 22.4 26.6 40.0#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.115 ng/ul
RT: 26.615 min Scan# 5843
Delta R.T. -0.007 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52

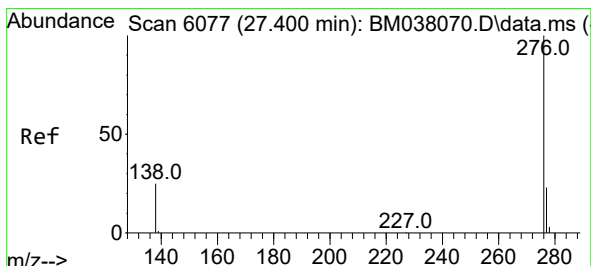
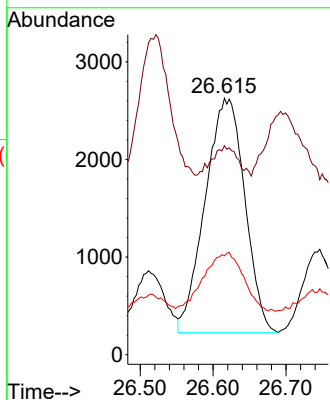
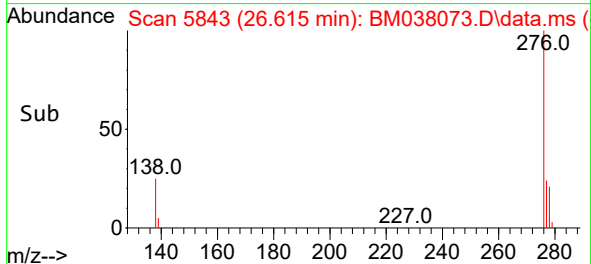
Instrument :
BNA_M
ClientSampleId :
DBXQ9



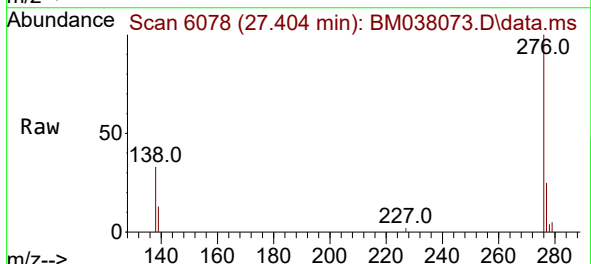
Tgt Ion: 278 Resp: 907
Ion Ratio Lower Upper
278 100
139 81.4 19.0 28.6
279 38.6 22.4 33.6

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.391 ng/ul
RT: 27.404 min Scan# 6078
Delta R.T. 0.003 min
Lab File: BM038073.D
Acq: 16 Dec 2022 18:52



Tgt Ion: 276 Resp: 33488
Ion Ratio Lower Upper
276 100
138 33.4 24.1 36.1
277 25.3 19.0 28.6

