

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038081.D
 Acq On : 16 Dec 2022 23:50
 Operator : CG/JU
 Sample : N5925-20
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYC9

Manual Integrations
 APPROVED

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

Quant Time: Dec 17 00:25:18 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	5661	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	18192	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.680	164	10588	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	22695	0.400	ng/ul	0.00
17) Chrysene-d12	21.586	240	17525	0.400	ng/ul	0.00
23) Perylene-d12	24.041	264	15884	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	22620	2.923	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.445	152	6474	0.244	ng/ul	-0.01
18) Fluoranthene-d10	19.436	212	14551	0.229	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.922	128	23631	0.429	ng/ul	100
7) 2-Methylnaphthalene	12.522	142	6150	0.182	ng/ul	100
8) 1-Methylnaphthalene	12.737	142	4075	0.118	ng/ul	99
10) Acenaphthylene	14.402	152	75911	1.367	ng/ul	99
11) Acenaphthene	14.740	153	17172	0.408	ng/ul	100
12) Fluorene	15.726	166	28101	0.603	ng/ul	99
14) Pentachlorophenol	17.067	266	1075	0.114	ng/ul	98
15) Phenanthrene	17.460	178	560975	7.340	ng/ul	99
16) Anthracene	17.553	178	81785	1.157	ng/ul	99
19) Fluoranthene	19.464	202	1033866	11.422	ng/ul	96
20) Pyrene	19.826	202	726360	7.861	ng/ul	97
21) Benzo(a)anthracene	21.565	228	342770	4.527	ng/ul	99
22) Chrysene	21.621	228	299546	3.922	ng/ul	98
24) Benzo(b)fluoranthene	23.287	252	421460	5.595	ng/ul	89
25) Benzo(k)fluoranthene	23.331	252	127367m	1.752	ng/ul	
26) Benzo(a)pyrene	23.927	252	230058	3.626	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.606	276	173702	2.181	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.612	278	39334	0.634	ng/ul	97
29) Benzo(g,h,i)perylene	27.400	276	132607	1.960	ng/ul	95

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

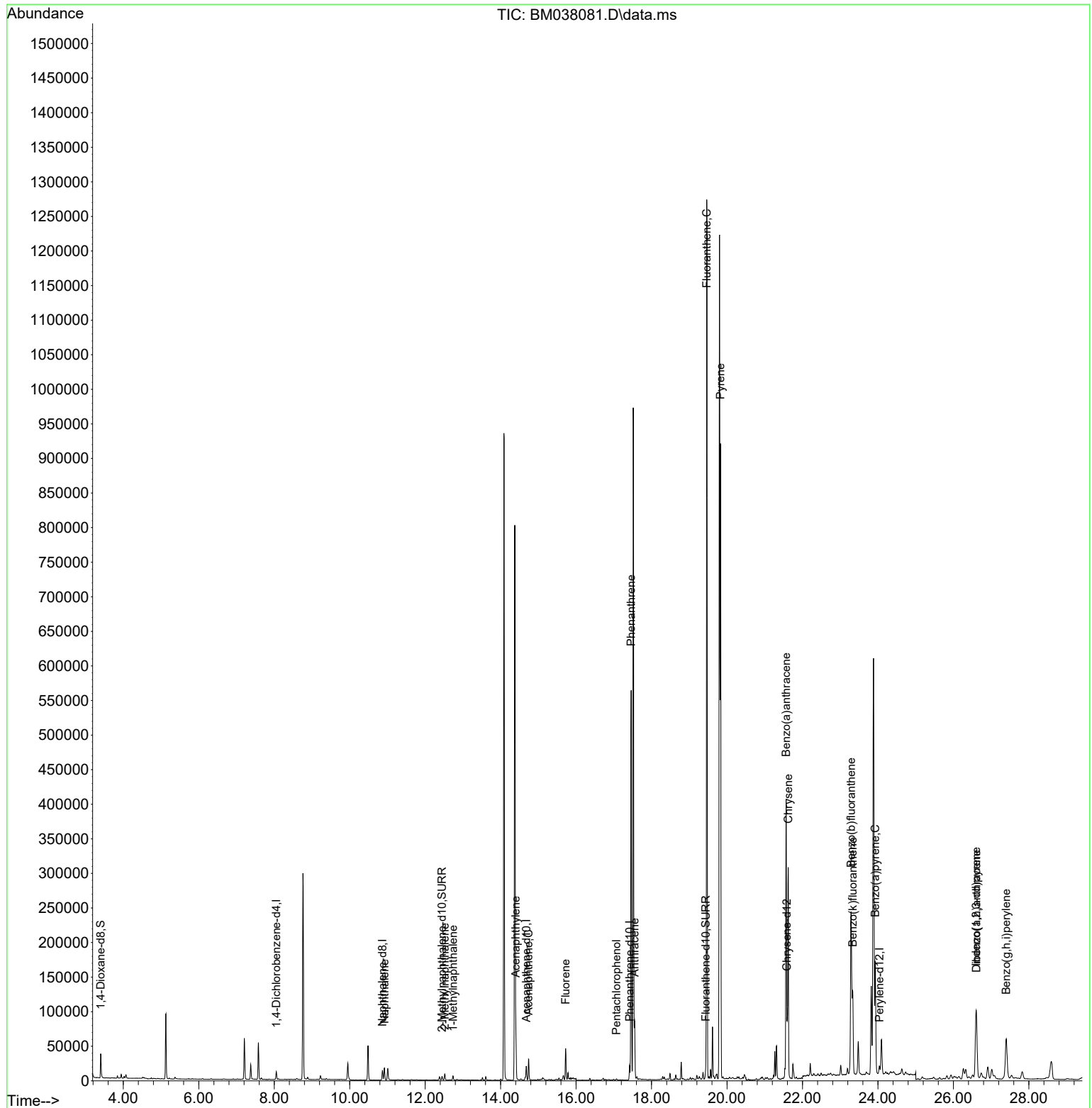
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038081.D
Acq On : 16 Dec 2022 23:50
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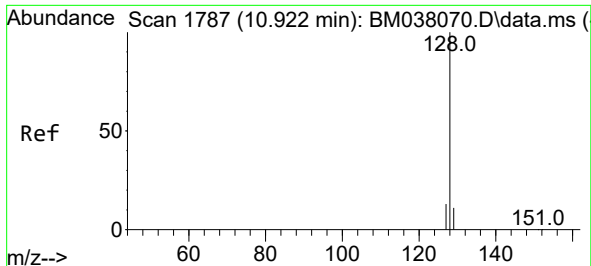
Instrument :
BNA_M
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Quant Time: Dec 17 00:25:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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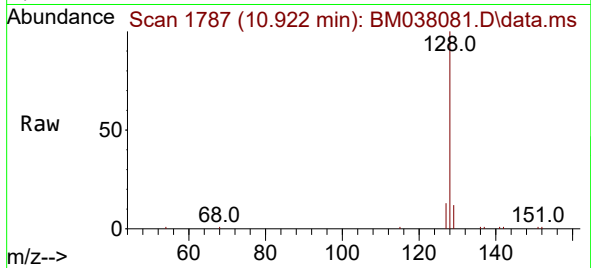
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022





#5
Naphthalene
Concen: 0.429 ng/ul
RT: 10.922 min Scan# 1787
Delta R.T. -0.005 min
Lab File: BM038081.D
Acq: 16 Dec 2022 23:50

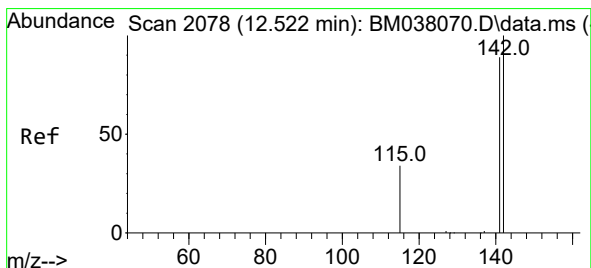
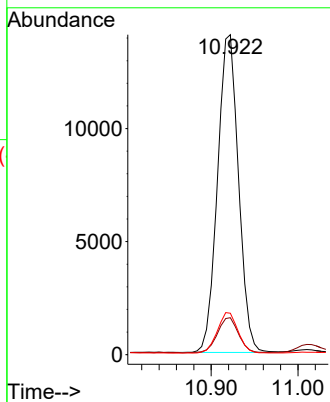
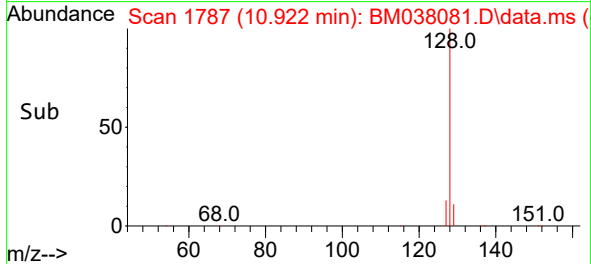
Instrument :
BNA_M
ClientSampleId :
DBYC9



Tgt Ion:128 Resp: 2363
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.0 10.4 15.6

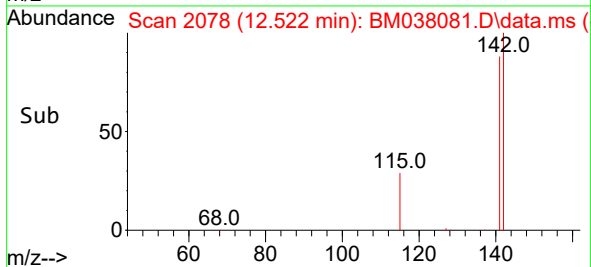
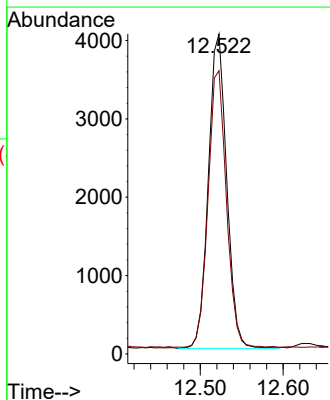
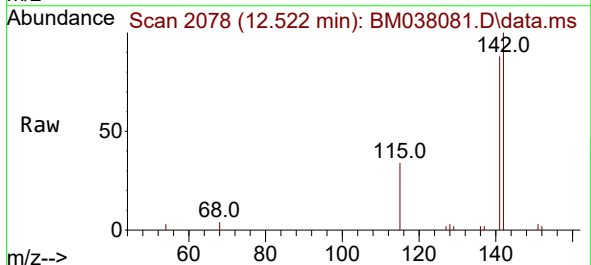
Manual Integrations
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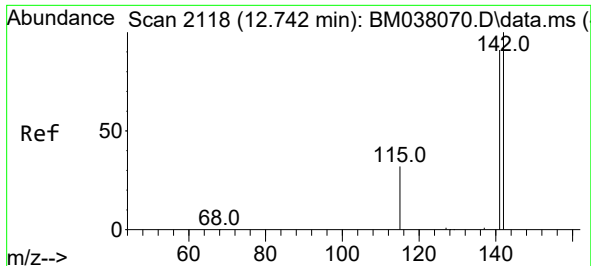
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#7
2-Methylnaphthalene
Concen: 0.182 ng/ul
RT: 12.522 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM038081.D
Acq: 16 Dec 2022 23:50

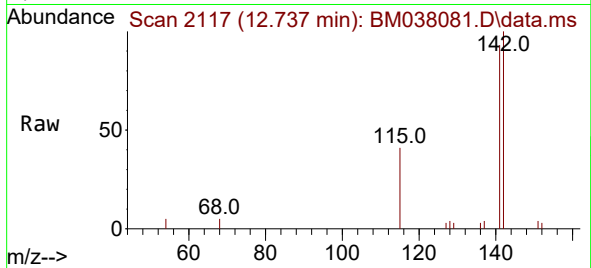
Tgt Ion:142 Resp: 6150
Ion Ratio Lower Upper
142 100
141 88.0 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.118 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BM038081.D
Acq: 16 Dec 2022 23:50

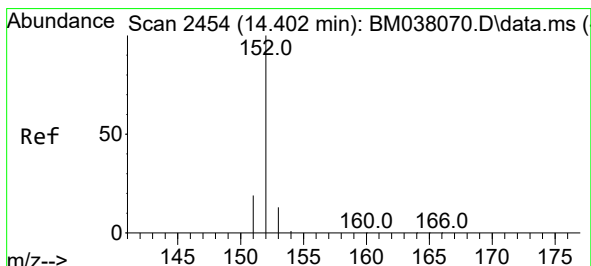
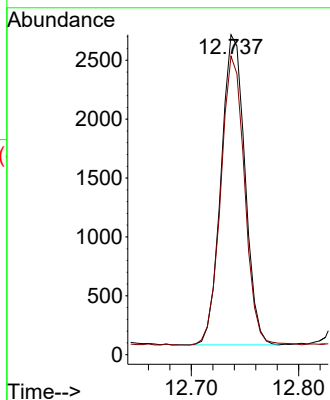
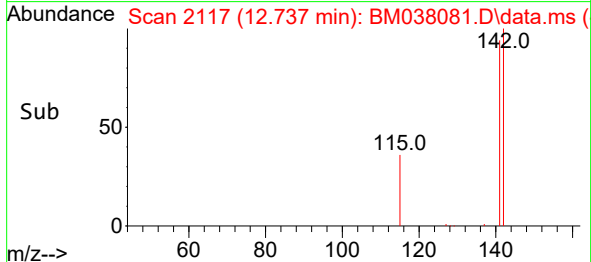
Instrument :
BNA_M
ClientSampleId :
DBYC9



Tgt Ion:142 Resp: 4075
Ion Ratio Lower Upper
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141 92.9 73.6 110.4

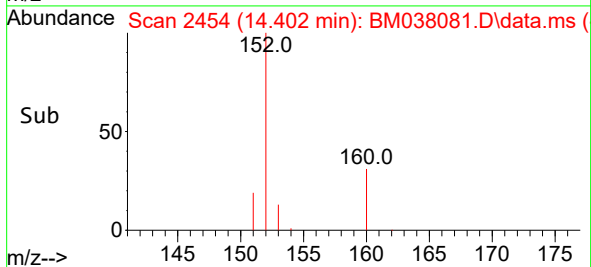
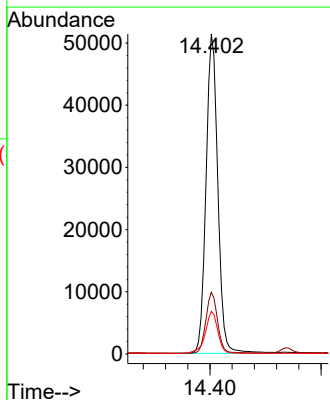
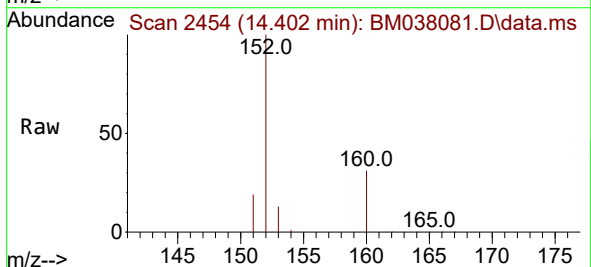
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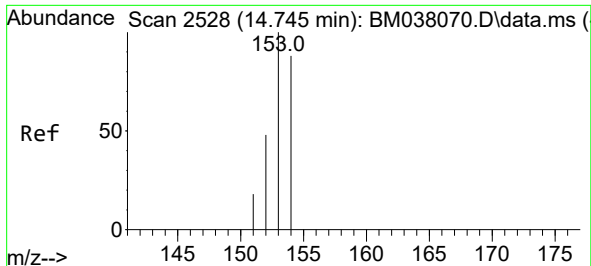
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#10
Acenaphthylene
Concen: 1.367 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. -0.004 min
Lab File: BM038081.D
Acq: 16 Dec 2022 23:50

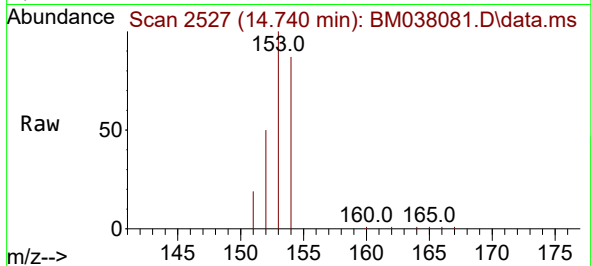
Tgt Ion:152 Resp: 75911
Ion Ratio Lower Upper
152 100
151 19.3 15.5 23.3
153 13.3 11.0 16.4





#11
Acenaphthene
Concen: 0.408 ng/ul
RT: 14.740 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM038081.D
Acq: 16 Dec 2022 23:50

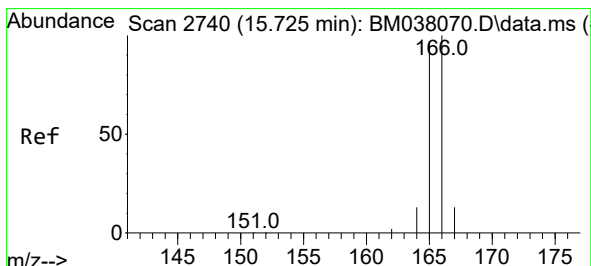
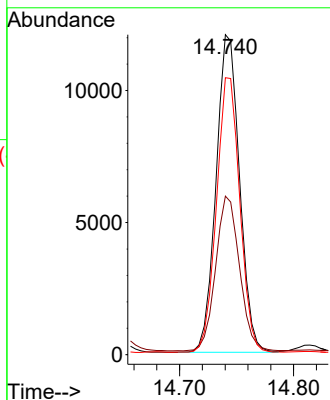
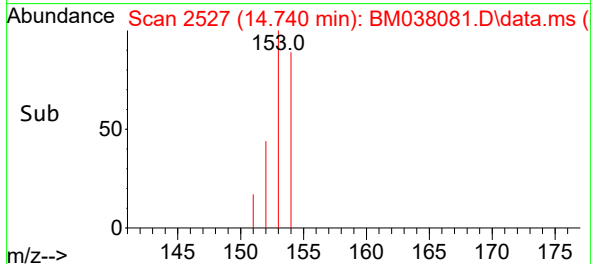
Instrument :
BNA_M
ClientSampleId :
DBYC9



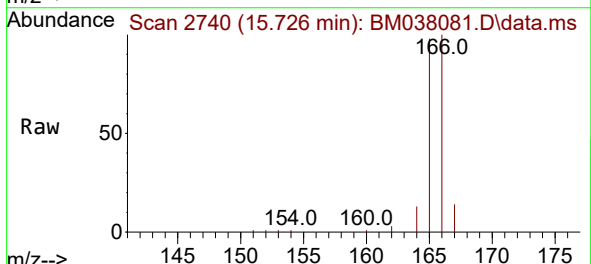
Tgt Ion:153 Resp: 17172
Ion Ratio Lower Upper
153 100
152 49.6 39.5 59.3
154 86.6 69.2 103.8

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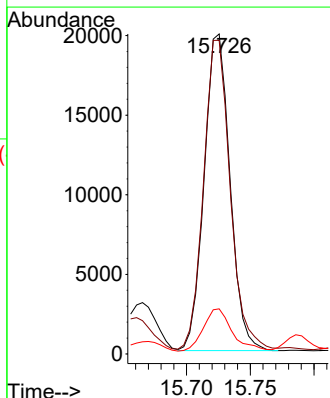
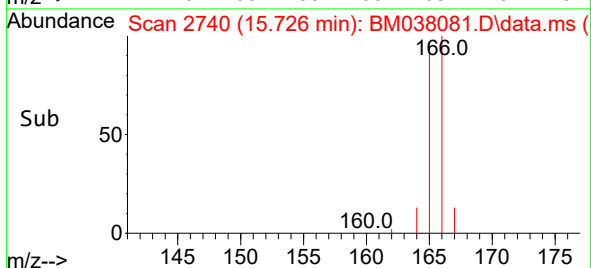
Reviewed By :Jagrut Upadhyay 12/19/2022
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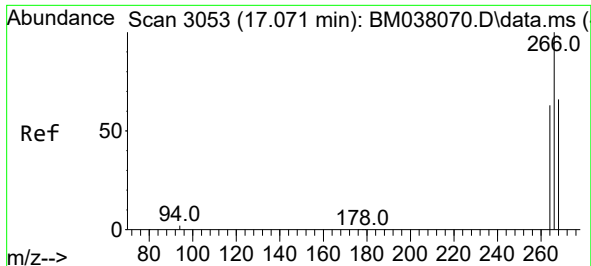


#12
Fluorene
Concen: 0.603 ng/ul
RT: 15.726 min Scan# 2740
Delta R.T. -0.004 min
Lab File: BM038081.D
Acq: 16 Dec 2022 23:50



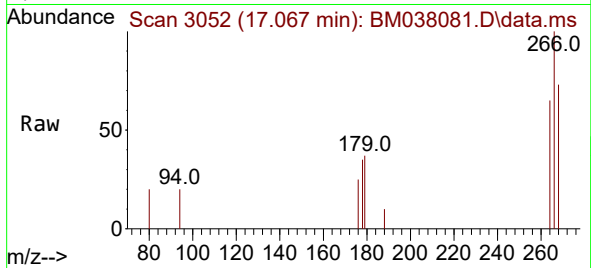
Tgt Ion:166 Resp: 28101
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.4
167 14.1 11.1 16.7





#14
Pentachlorophenol
Concen: 0.114 ng/ul
RT: 17.067 min Scan# 3053
Delta R.T. -0.004 min
Lab File: BM038081.D
Acq: 16 Dec 2022 23:50

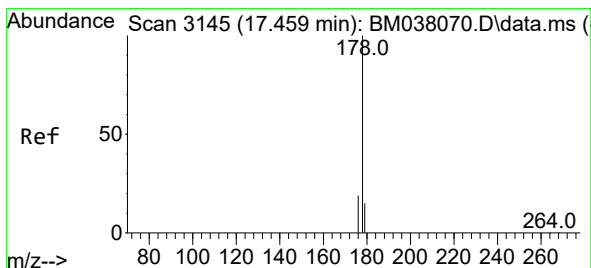
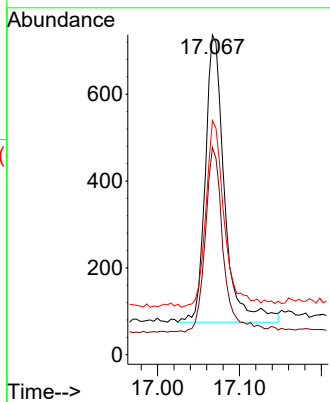
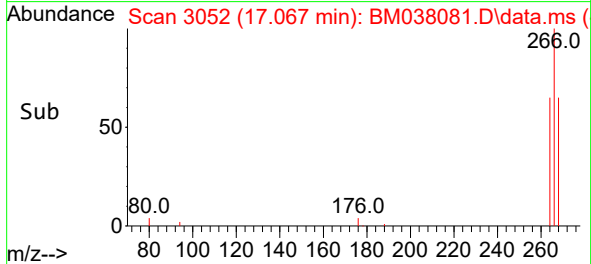
Instrument :
BNA_M
ClientSampleId :
DBYC9



Tgt Ion:266 Resp: 1075
Ion Ratio Lower Upper
266 100
264 60.3 49.9 74.9
268 63.9 52.0 78.0

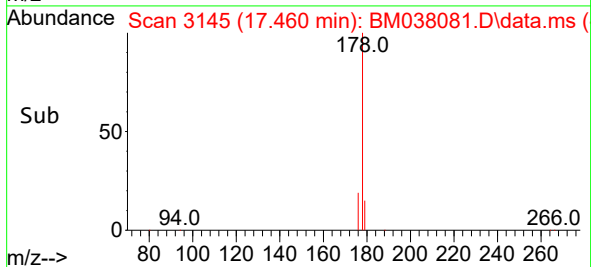
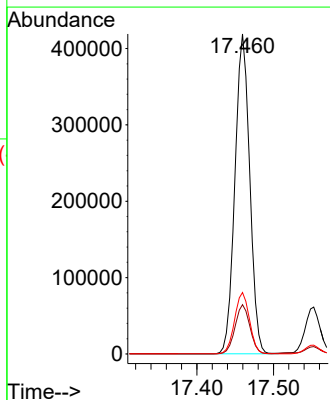
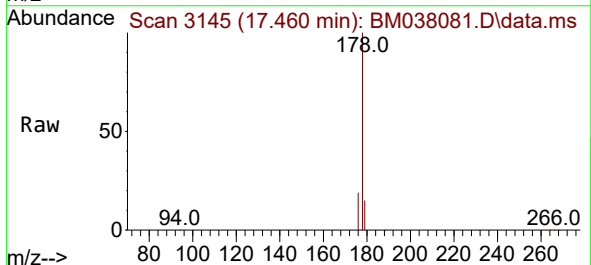
Manual Integrations
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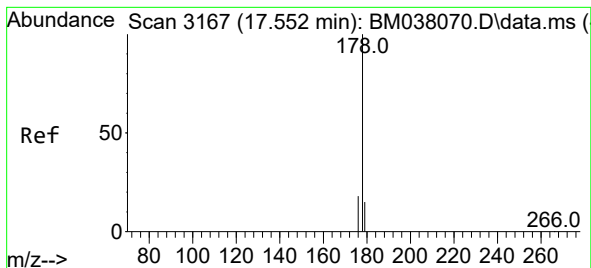
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#15
Phenanthrene
Concen: 7.340 ng/ul
RT: 17.460 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM038081.D
Acq: 16 Dec 2022 23:50

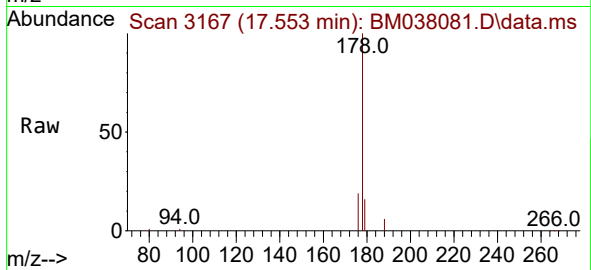
Tgt Ion:178 Resp: 560975
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.2 15.8 23.6





#16
 Anthracene
 Concen: 1.157 ng/ul
 RT: 17.553 min Scan# 3167
 Delta R.T. -0.004 min
 Lab File: BM038081.D
 Acq: 16 Dec 2022 23:50

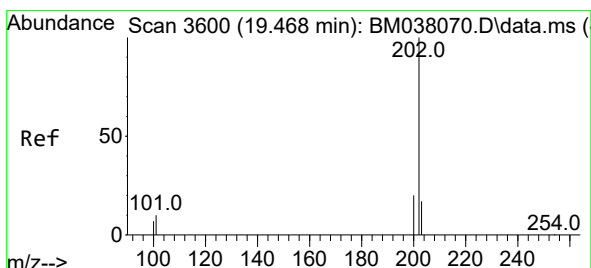
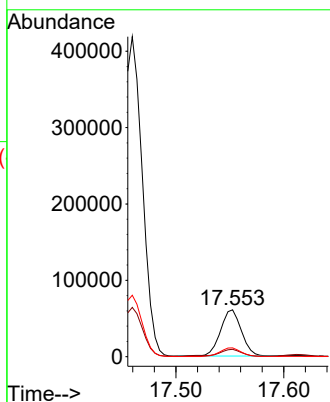
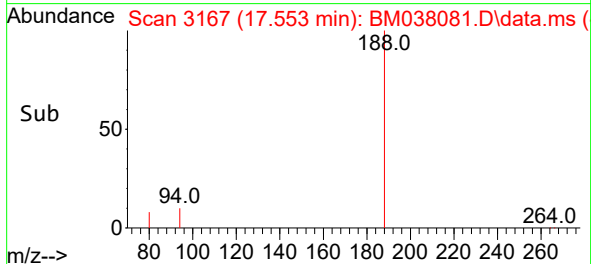
Instrument :
 BNA_M
 ClientSampleId :
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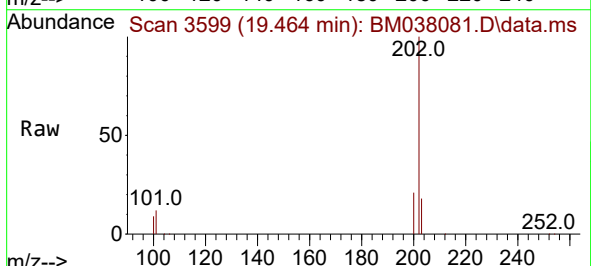
Tgt Ion:178 Resp: 81785
 Ion Ratio Lower Upper
 178 100
 179 15.6 13.0 19.4
 176 18.8 15.0 22.4

Manual Integrations
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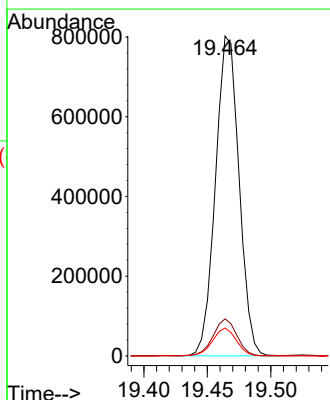
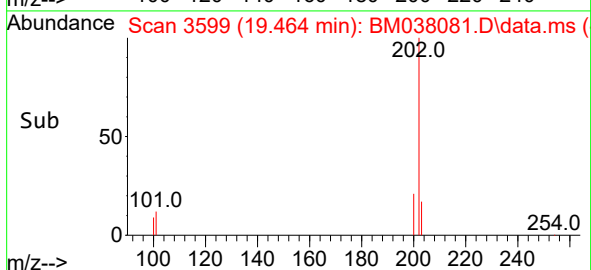
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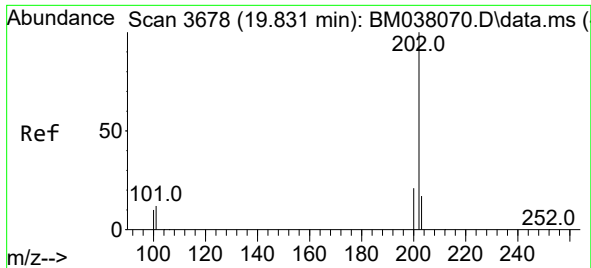


#19
 Fluoranthene
 Concen: 11.422 ng/ul
 RT: 19.464 min Scan# 3599
 Delta R.T. -0.004 min
 Lab File: BM038081.D
 Acq: 16 Dec 2022 23:50



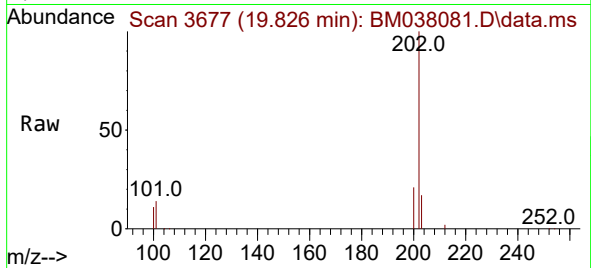
Tgt Ion:202 Resp: 1033866
 Ion Ratio Lower Upper
 202 100
 101 11.6 10.6 15.8
 100 8.8 7.9 11.9





#20
Pyrene
Concen: 7.861 ng/ul
RT: 19.826 min Scan# 3677
Delta R.T. -0.004 min
Lab File: BM038081.D
Acq: 16 Dec 2022 23:50

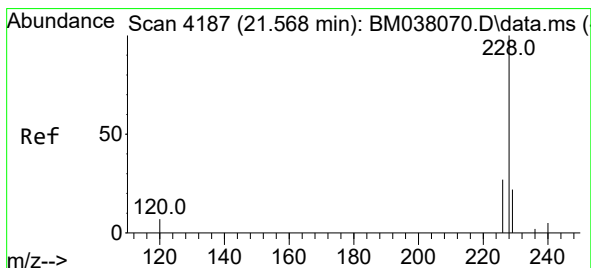
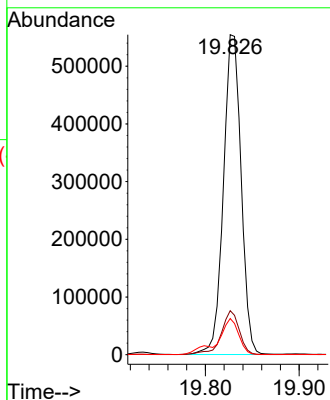
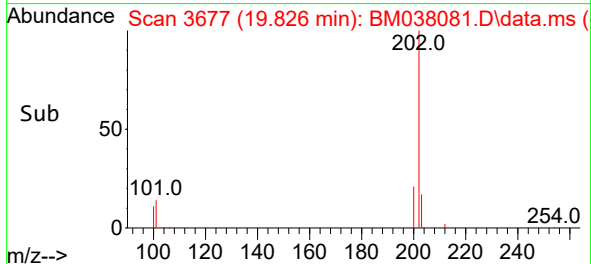
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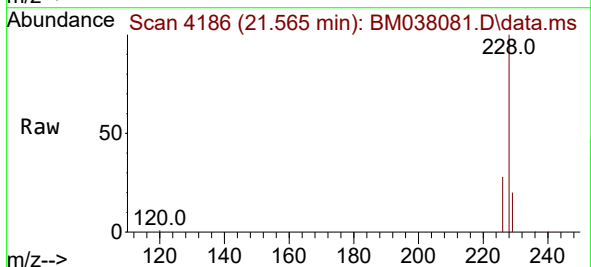
Tgt Ion:202 Resp: 726360
Ion Ratio Lower Upper
202 100
101 13.8 12.1 18.1
100 11.3 9.8 14.6

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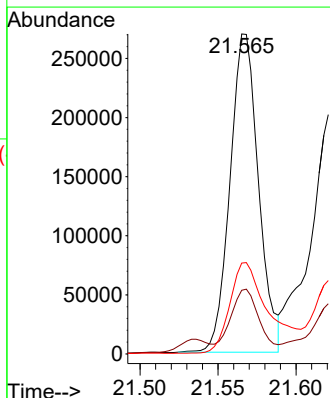
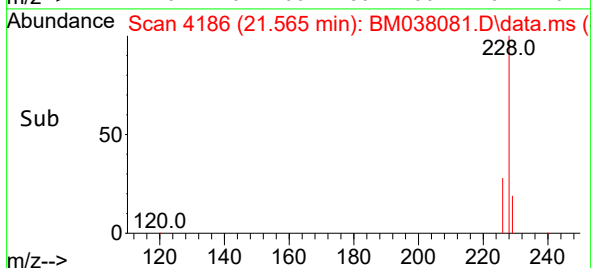
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

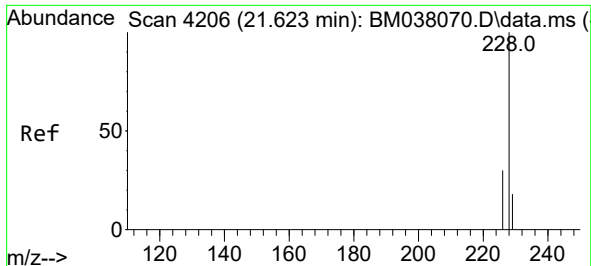


#21
Benzo(a)anthracene
Concen: 4.527 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. -0.003 min
Lab File: BM038081.D
Acq: 16 Dec 2022 23:50



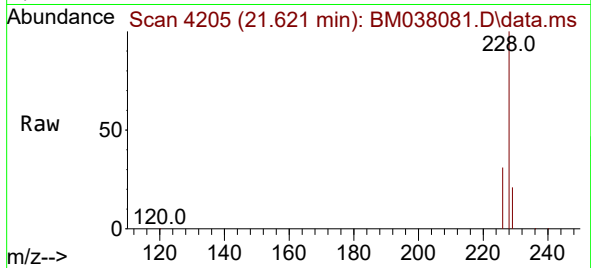
Tgt Ion:228 Resp: 342770
Ion Ratio Lower Upper
228 100
229 19.9 15.9 23.9
226 28.4 22.1 33.1





#22
Chrysene
Concen: 3.922 ng/ul
RT: 21.621 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM038081.D
Acq: 16 Dec 2022 23:50

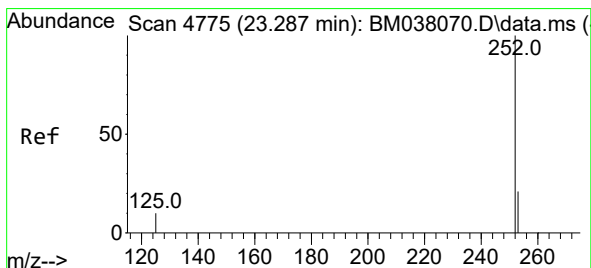
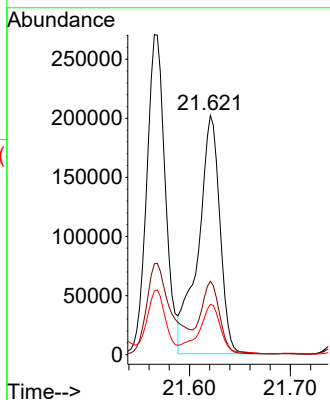
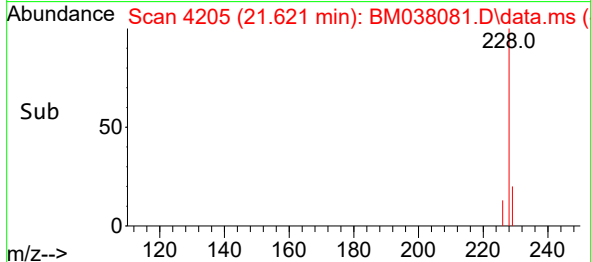
Instrument :
BNA_M
ClientSampleId :
DBYC9



Tgt Ion:228 Resp: 299540
Ion Ratio Lower Upper
228 100
226 30.7 24.1 36.1
229 21.0 15.7 23.5

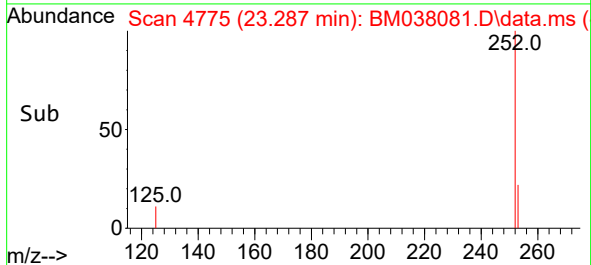
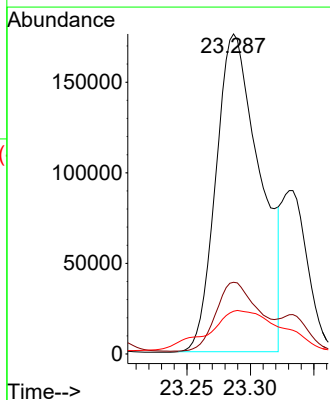
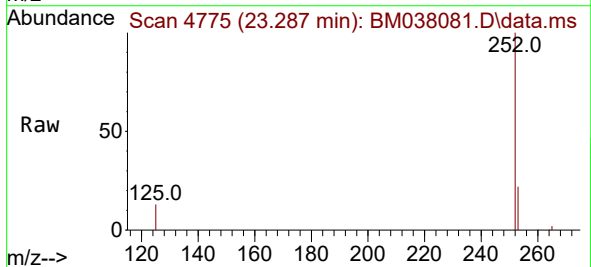
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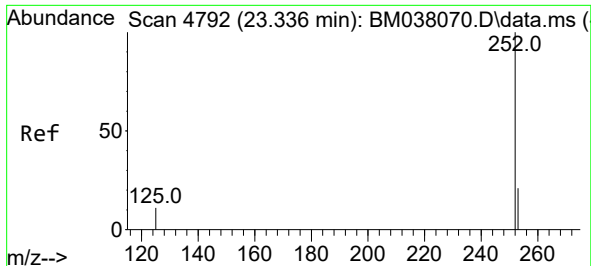
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#24
Benzo(b)fluoranthene
Concen: 5.595 ng/ul
RT: 23.287 min Scan# 4775
Delta R.T. 0.000 min
Lab File: BM038081.D
Acq: 16 Dec 2022 23:50

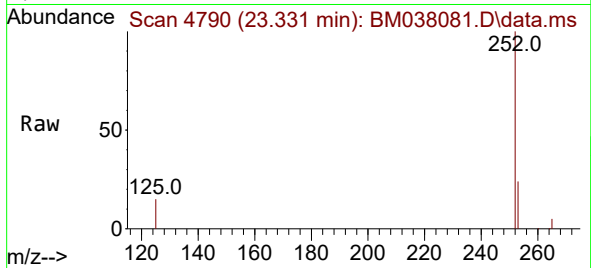
Tgt Ion:252 Resp: 421460
Ion Ratio Lower Upper
252 100
253 22.4 0.0 51.8
125 13.3 0.0 42.2





#25
Benzo(k)fluoranthene
Concen: 1.752 ng/ul m
RT: 23.331 min Scan# 4790
Delta R.T. -0.006 min
Lab File: BM038081.D
Acq: 16 Dec 2022 23:50

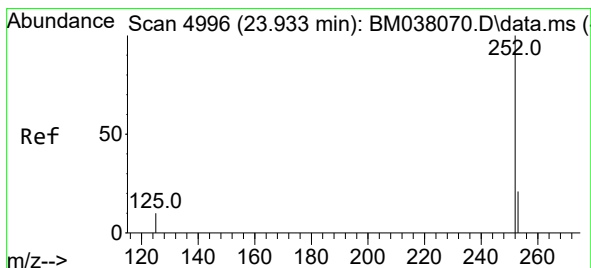
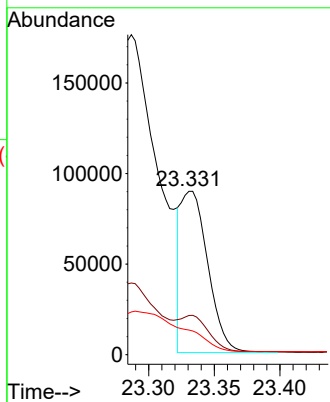
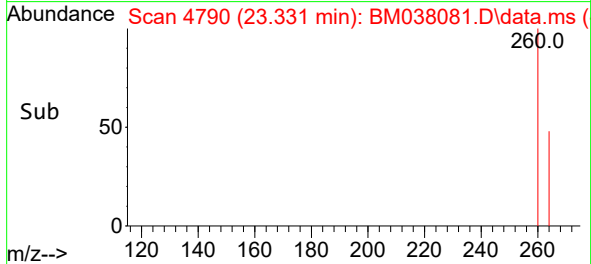
Instrument :
BNA_M
ClientSampleId :
DBYC9



Tgt Ion:252 Resp: 12736
Ion Ratio Lower Upper
252 100
253 24.0 20.8 31.2
125 15.1 17.1 25.7

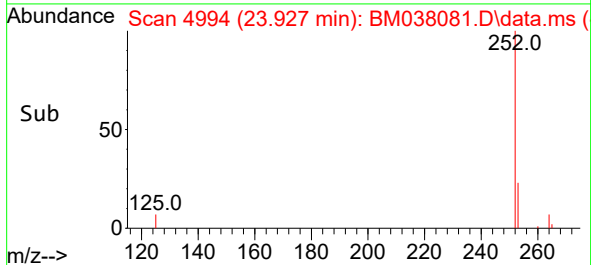
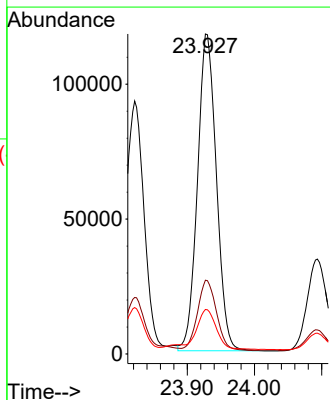
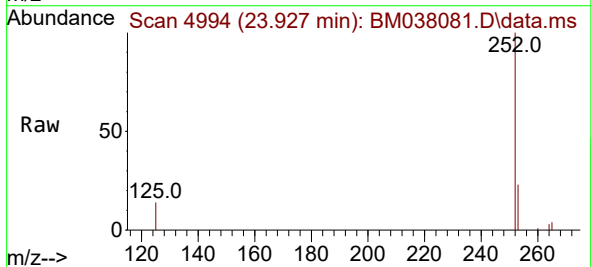
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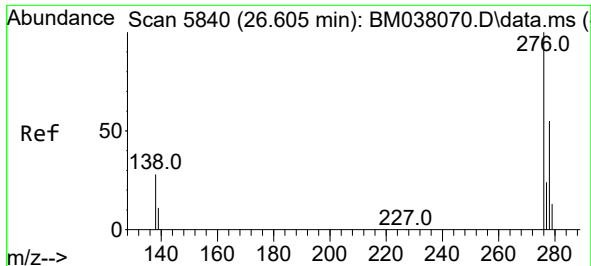
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#26
Benzo(a)pyrene
Concen: 3.626 ng/ul
RT: 23.927 min Scan# 4994
Delta R.T. -0.003 min
Lab File: BM038081.D
Acq: 16 Dec 2022 23:50

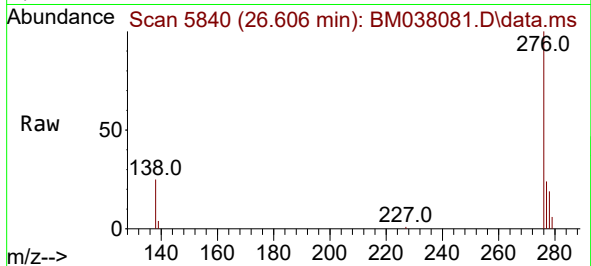
Tgt Ion:252 Resp: 230058
Ion Ratio Lower Upper
252 100
253 23.0 21.9 32.9
125 13.9 20.7 31.1#





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.181 ng/ul
RT: 26.606 min Scan# 5840
Delta R.T. -0.003 min
Lab File: BM038081.D
Acq: 16 Dec 2022 23:50

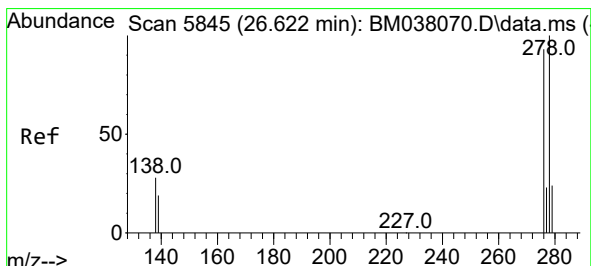
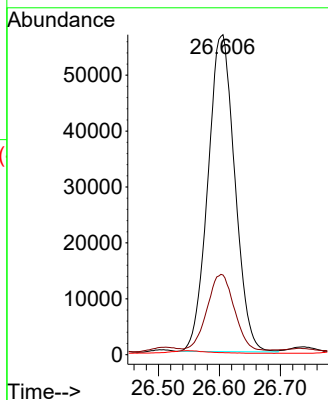
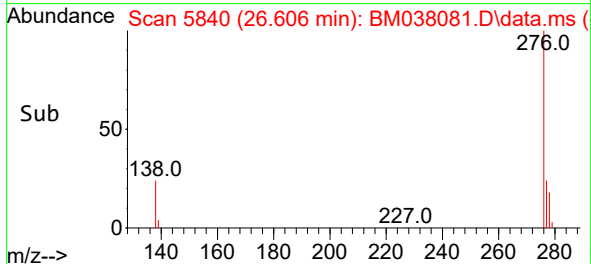
Instrument :
BNA_M
ClientSampleId :
DBYC9



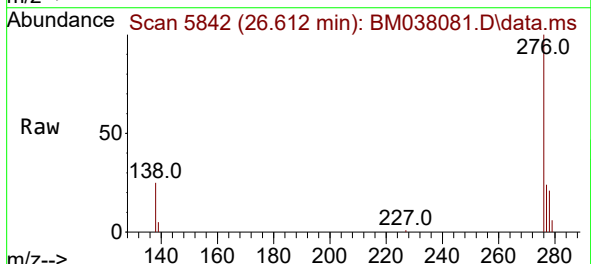
Tgt Ion:276 Resp: 173702
Ion Ratio Lower Upper
276 100
138 25.2 26.6 40.0
227 0.0 0.1 0.1

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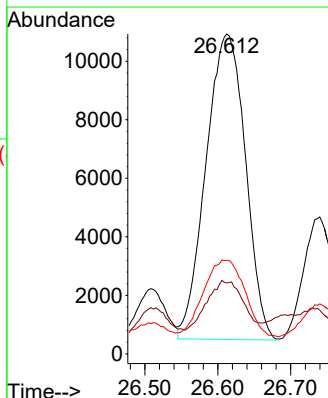
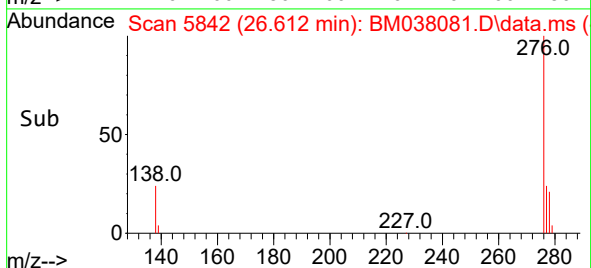
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

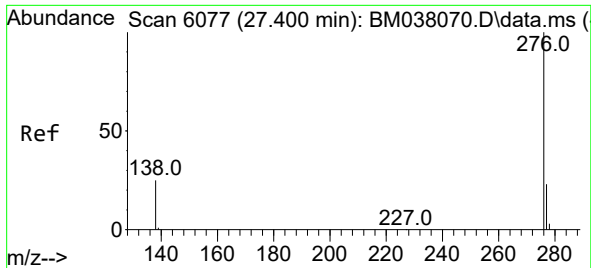


#28
Dibenzo(a,h)anthracene
Concen: 0.634 ng/ul
RT: 26.612 min Scan# 5842
Delta R.T. -0.010 min
Lab File: BM038081.D
Acq: 16 Dec 2022 23:50



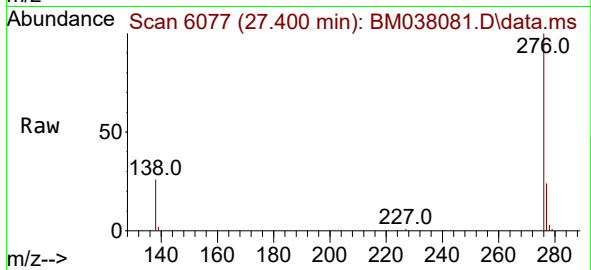
Tgt Ion:278 Resp: 39334
Ion Ratio Lower Upper
278 100
139 22.2 19.0 28.6
279 29.3 22.4 33.6





#29
Benzo(g,h,i)perylene
Concen: 1.960 ng/ul
RT: 27.400 min Scan# 6077
Delta R.T. 0.000 min
Lab File: BM038081.D
Acq: 16 Dec 2022 23:50

Instrument :
BNA_M
ClientSampleId :
DBYC9



Tgt Ion:276 Resp: 13260
Ion Ratio Lower Upper
276 100
138 26.0 24.1 36.1
277 23.5 19.0 28.6

Manual Integrations
APPROVED

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

