

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038077.D
 Acq On : 16 Dec 2022 21:21
 Operator : CG/JU
 Sample : N5925-16
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYA3

Manual Integrations
 APPROVED

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

Quant Time: Dec 16 23:22:12 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	4784	0.400	ng/ul	0.00
4) Naphthalene-d8	10.873	136	15692	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	9371	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	20241	0.400	ng/ul	0.00
17) Chrysene-d12	21.586	240	16026	0.400	ng/ul	0.00
23) Perylene-d12	24.038	264	15587	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	21209	3.244	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.451	152	5726	0.250	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	13303	0.229	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.922	128	18055	0.380	ng/ul	99
7) 2-Methylnaphthalene	12.522	142	11682	0.400	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	12696	0.425	ng/ul	100
10) Acenaphthylene	14.402	152	27578	0.561	ng/ul	99
11) Acenaphthene	14.740	153	58943	1.583	ng/ul	100
12) Fluorene	15.726	166	67431	1.635	ng/ul	98
14) Pentachlorophenol	17.071	266	567	0.068	ng/ul	95
15) Phenanthrene	17.460	178	1226911	17.999	ng/ul	99
16) Anthracene	17.548	178	250812	3.979	ng/ul	99
19) Fluoranthene	19.469	202	2201984	26.602	ng/ul#	94
20) Pyrene	19.831	202	1616839m	19.134	ng/ul	
21) Benzo(a)anthracene	21.568	228	830092	11.989	ng/ul	99
22) Chrysene	21.624	228	784901	11.238	ng/ul	97
24) Benzo(b)fluoranthene	23.290	252	1003795	13.579	ng/ul	88
25) Benzo(k)fluoranthene	23.334	252	337943m	4.737	ng/ul	
26) Benzo(a)pyrene	23.933	252	586563	9.422	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.602	276	391051	5.004	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.609	278	101031	1.660	ng/ul	96
29) Benzo(g,h,i)perylene	27.404	276	266372	4.013	ng/ul	96

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

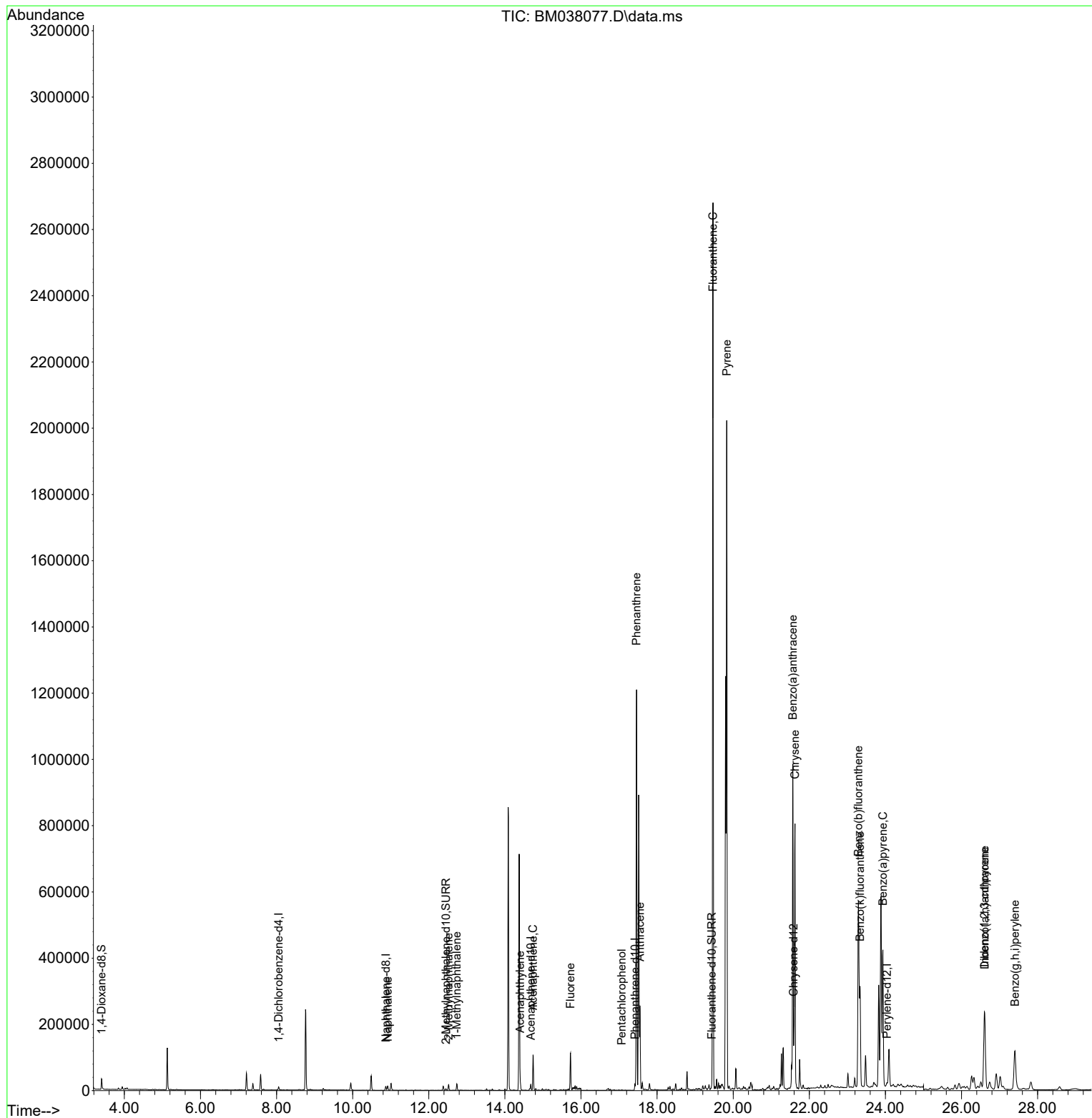
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038077.D
Acq On : 16 Dec 2022 21:21
Operator : CG/JU
Sample : N5925-16
Misc :
ALS Vial : 58 Sample Multiplier: 1

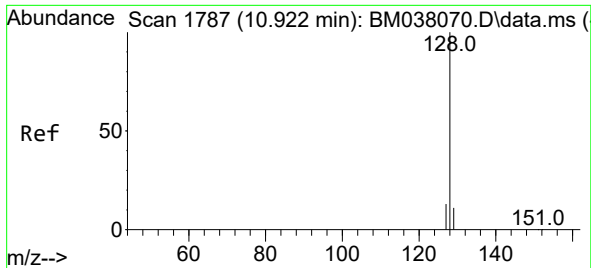
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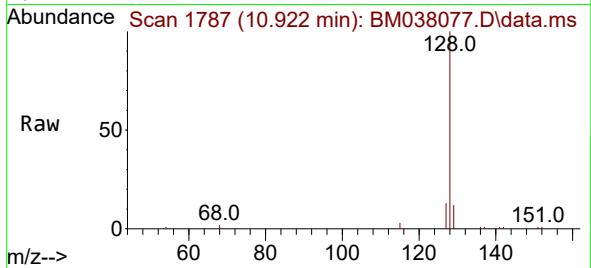
Quant Time: Dec 16 23:22:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.380 ng/ul
RT: 10.922 min Scan# 1787
Delta R.T. -0.005 min
Lab File: BM038077.D
Acq: 16 Dec 2022 21:21

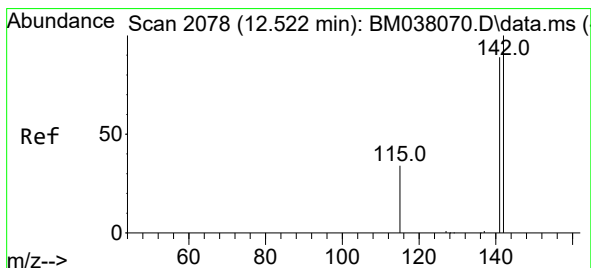
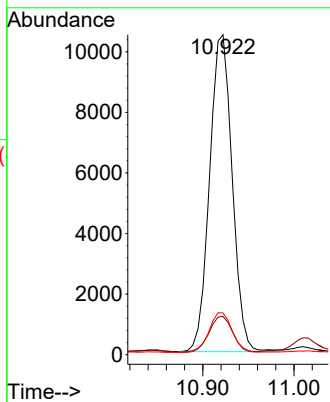
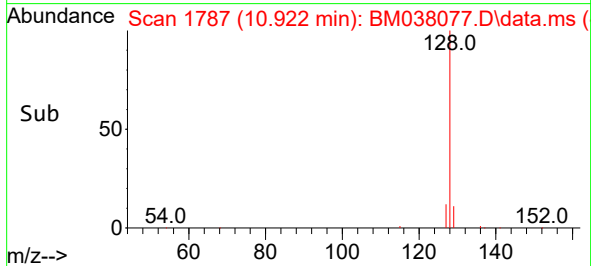
Instrument :
BNA_M
ClientSampleId :
DBYA3



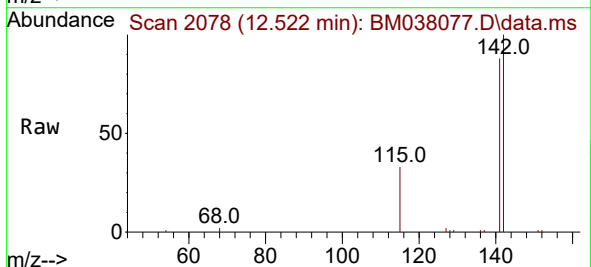
Tgt Ion:128 Resp: 1805
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.0 10.4 15.6

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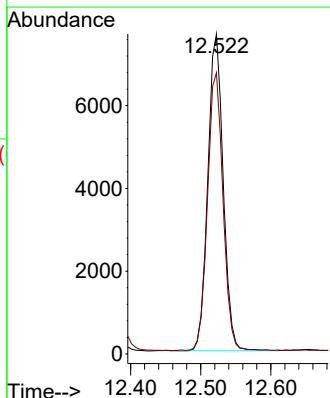
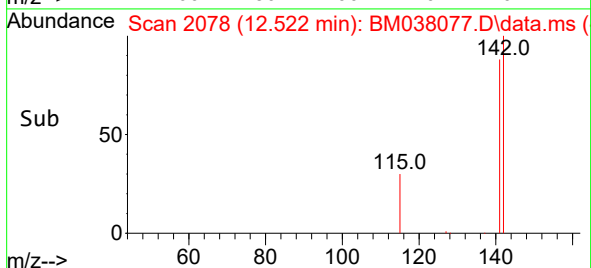
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

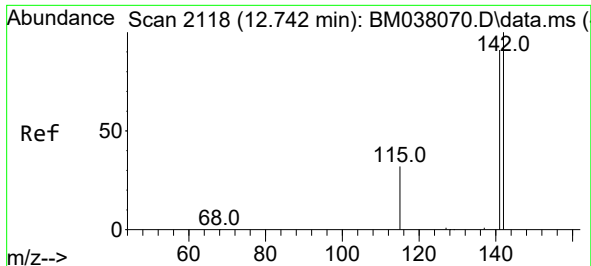


#7
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.522 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM038077.D
Acq: 16 Dec 2022 21:21



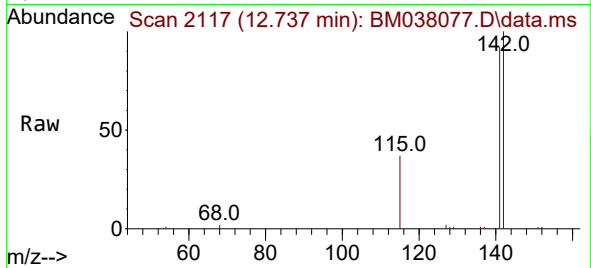
Tgt Ion:142 Resp: 11682
Ion Ratio Lower Upper
142 100
141 88.5 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.425 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BM038077.D
Acq: 16 Dec 2022 21:21

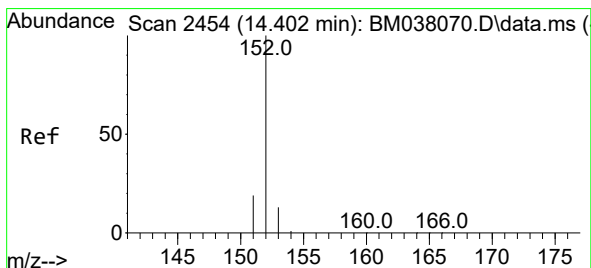
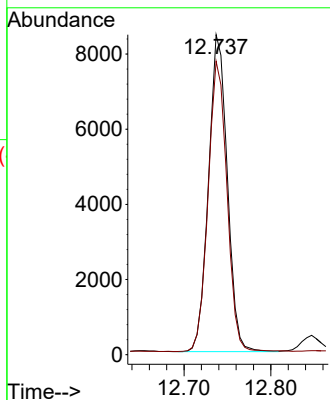
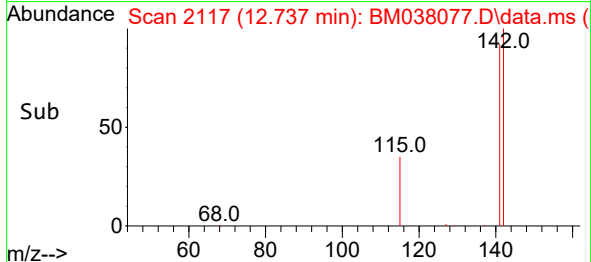
Instrument :
BNA_M
ClientSampleId :
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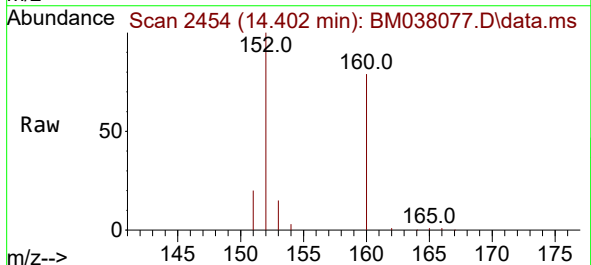
Tgt Ion:142 Resp: 12690
Ion Ratio Lower Upper
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141 91.8 73.6 110.4

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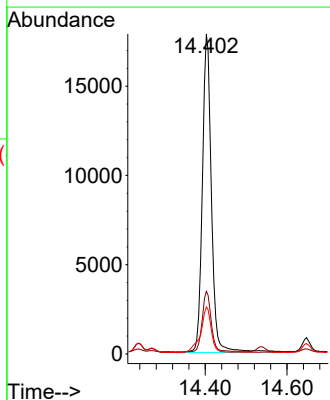
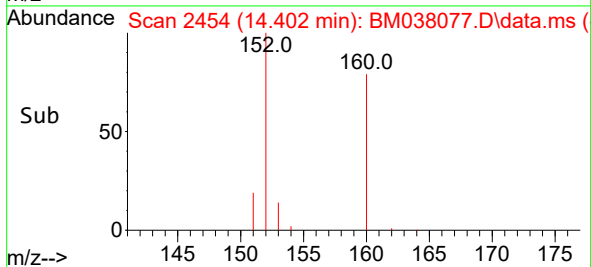
Reviewed By :Jagrut Upadhyay 12/19/2022
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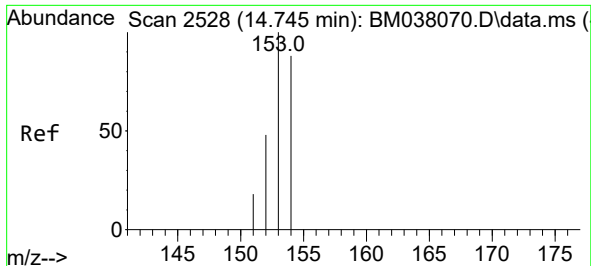


#10
Acenaphthylene
Concen: 0.561 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. -0.004 min
Lab File: BM038077.D
Acq: 16 Dec 2022 21:21



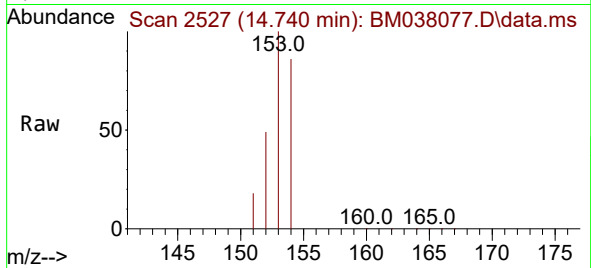
Tgt Ion:152 Resp: 27578
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 14.7 11.0 16.4





#11
Acenaphthene
Concen: 1.583 ng/ul
RT: 14.740 min Scan# 2528
Delta R.T. -0.009 min
Lab File: BM038077.D
Acq: 16 Dec 2022 21:21

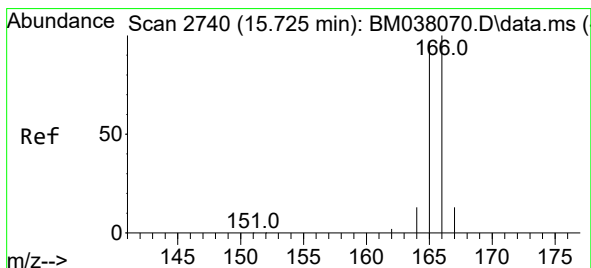
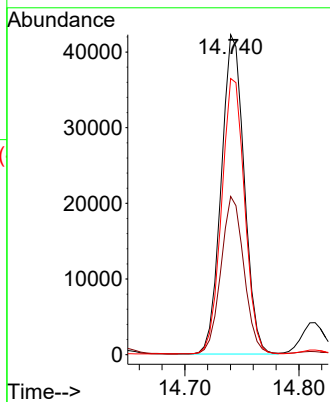
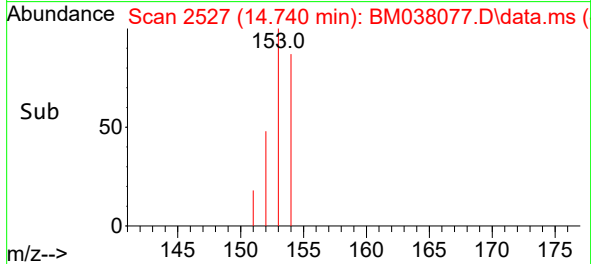
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:153 Resp: 5894
Ion Ratio Lower Upper
153 100
152 49.4 39.5 59.3
154 86.3 69.2 103.8

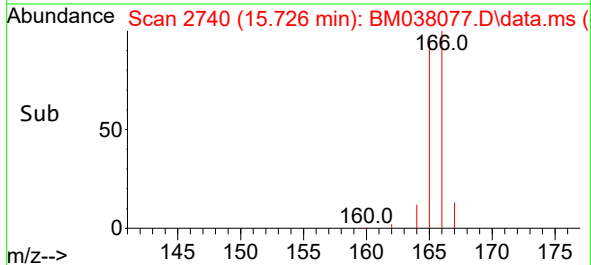
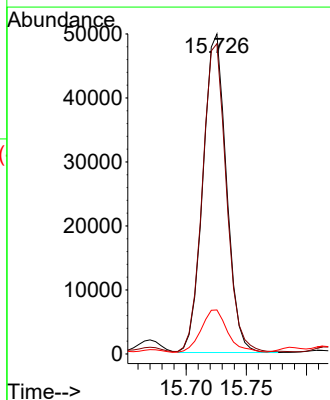
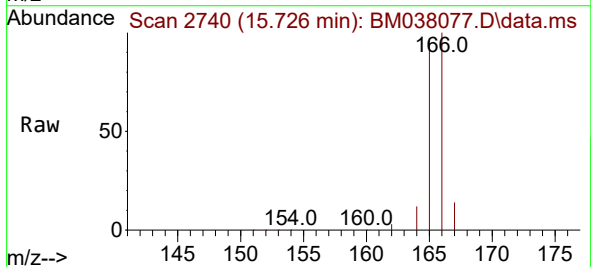
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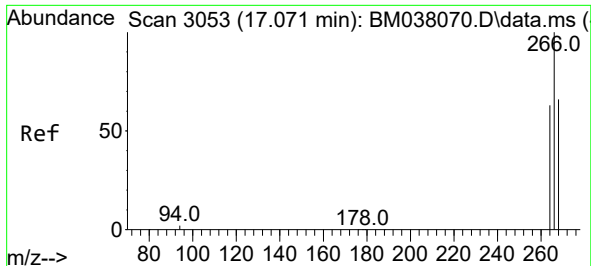
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#12
Fluorene
Concen: 1.635 ng/ul
RT: 15.726 min Scan# 2740
Delta R.T. -0.004 min
Lab File: BM038077.D
Acq: 16 Dec 2022 21:21

Tgt Ion:166 Resp: 67431
Ion Ratio Lower Upper
166 100
165 96.9 79.0 118.4
167 13.8 11.1 16.7





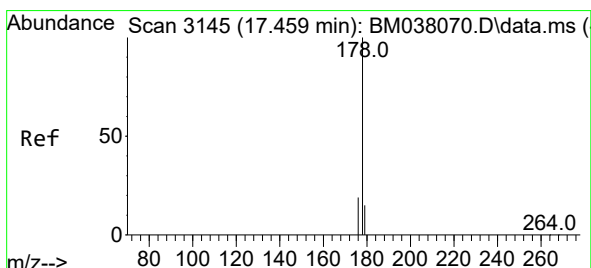
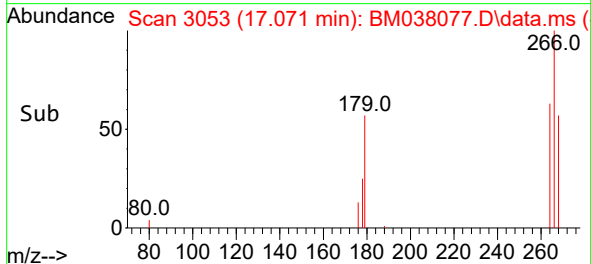
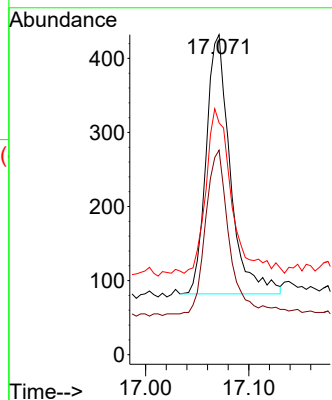
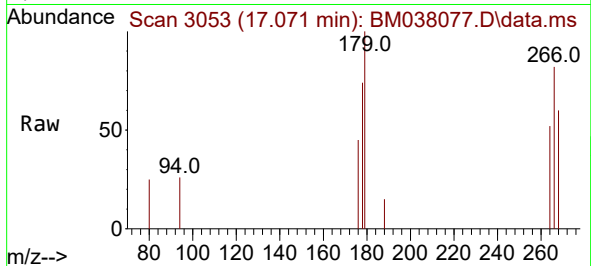
#14
Pentachlorophenol
Concen: 0.068 ng/ul
RT: 17.071 min Scan# 3053
Delta R.T. 0.000 min
Lab File: BM038077.D
Acq: 16 Dec 2022 21:21

Instrument :
BNA_M
ClientSampleId :
DBYA3

Tgt Ion:266 Resp: 56
Ion Ratio Lower Upper
266 100
264 67.4 49.9 74.9
268 67.2 52.0 78.0

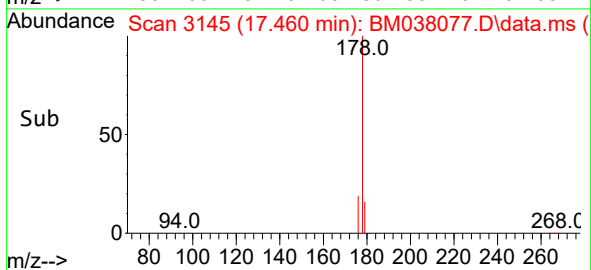
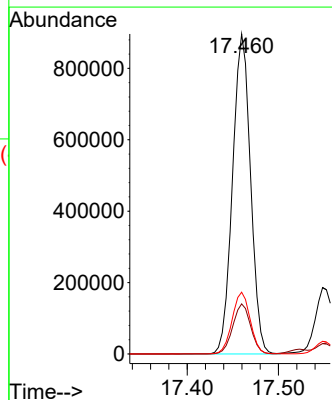
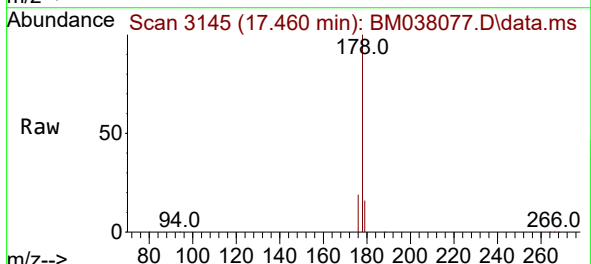
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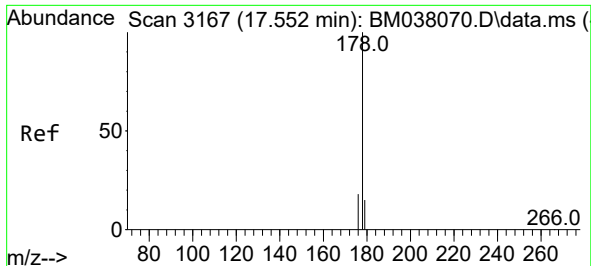
Reviewed By :Jagrut Upadhyay 12/19/2022
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#15
Phenanthrene
Concen: 17.999 ng/ul
RT: 17.460 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM038077.D
Acq: 16 Dec 2022 21:21

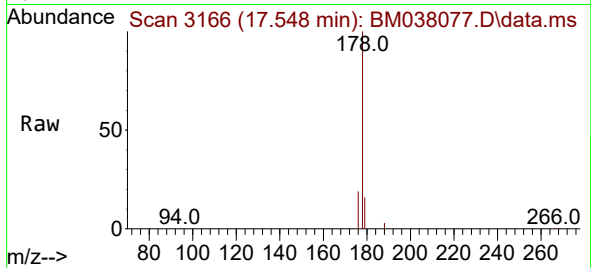
Tgt Ion:178 Resp: 1226911
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.3 15.8 23.6





#16
 Anthracene
 Concen: 3.979 ng/ul
 RT: 17.548 min Scan# 3166
 Delta R.T. -0.008 min
 Lab File: BM038077.D
 Acq: 16 Dec 2022 21:21

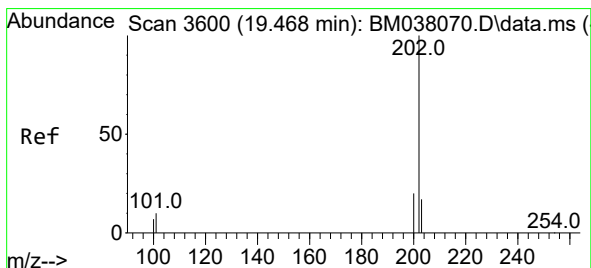
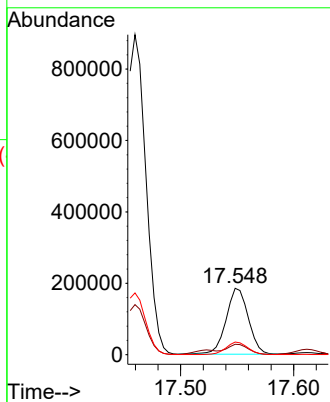
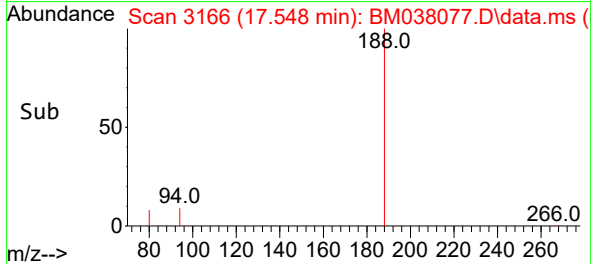
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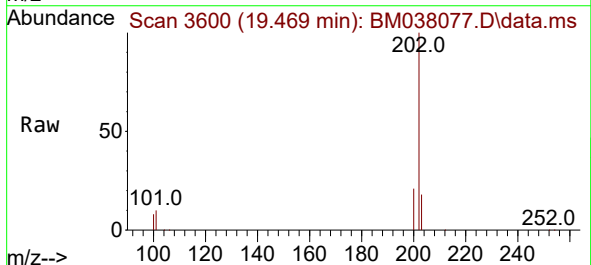
Tgt Ion:178 Resp: 250812
 Ion Ratio Lower Upper
 178 100
 179 15.6 13.0 19.4
 176 19.0 15.0 22.4

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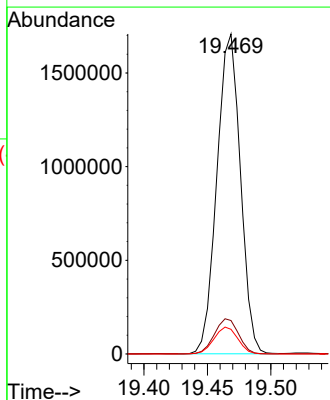
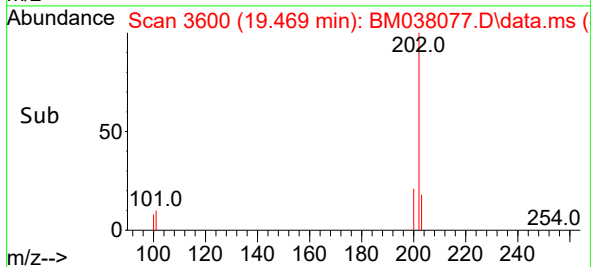
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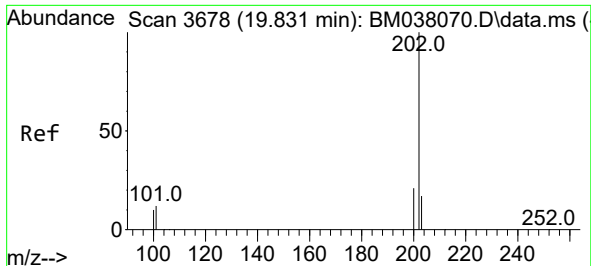


#19
 Fluoranthene
 Concen: 26.602 ng/ul
 RT: 19.469 min Scan# 3600
 Delta R.T. 0.000 min
 Lab File: BM038077.D
 Acq: 16 Dec 2022 21:21



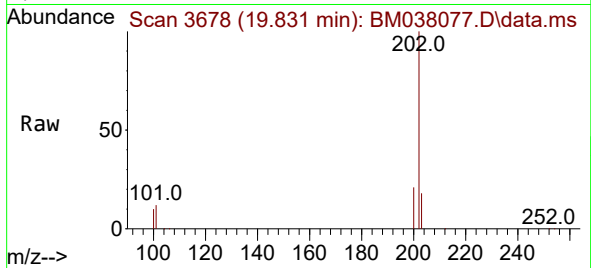
Tgt Ion:202 Resp: 2201984
 Ion Ratio Lower Upper
 202 100
 101 10.4 10.6 15.8#
 100 7.7 7.9 11.9#





#20
Pyrene
Concen: 19.134 ng/ul m
RT: 19.831 min Scan# 3678
Delta R.T. 0.000 min
Lab File: BM038077.D
Acq: 16 Dec 2022 21:21

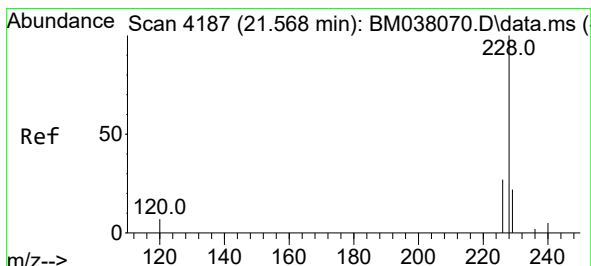
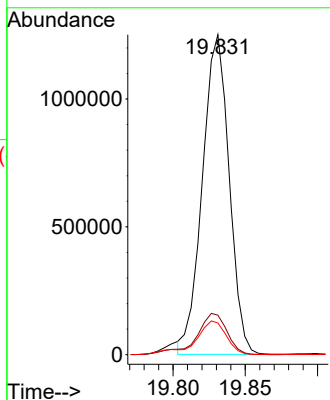
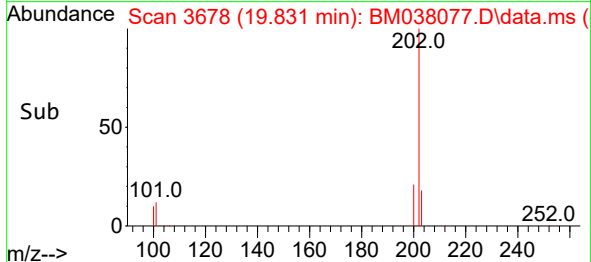
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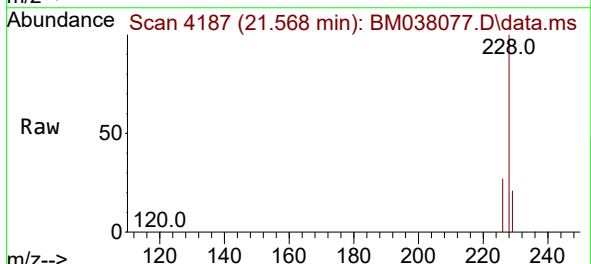
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Ion Ratio Lower Upper
202 100
101 12.4 12.1 18.1
100 9.9 9.8 14.6

Manual Integrations
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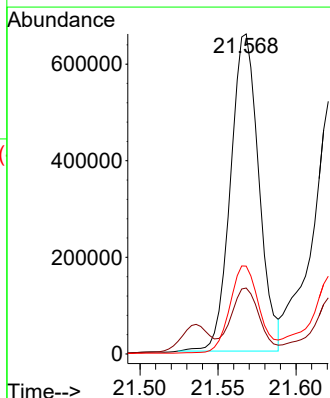
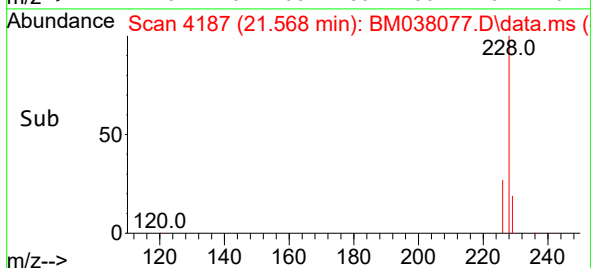
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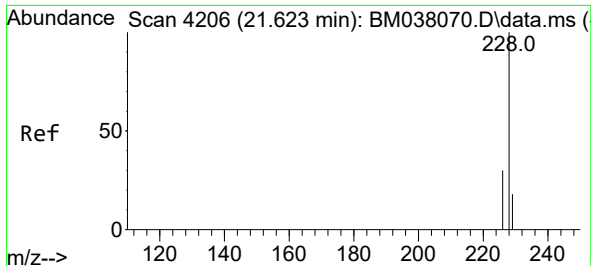


#21
Benzo(a)anthracene
Concen: 11.989 ng/ul
RT: 21.568 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BM038077.D
Acq: 16 Dec 2022 21:21



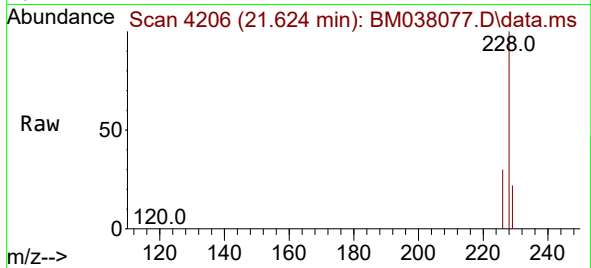
Tgt Ion:228 Resp: 830092
Ion Ratio Lower Upper
228 100
229 20.6 15.9 23.9
226 27.5 22.1 33.1





#22
Chrysene
Concen: 11.238 ng/ul
RT: 21.624 min Scan# 4206
Delta R.T. 0.000 min
Lab File: BM038077.D
Acq: 16 Dec 2022 21:21

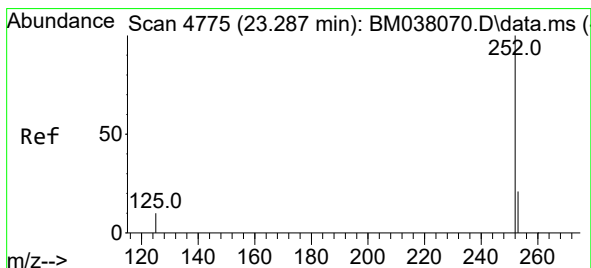
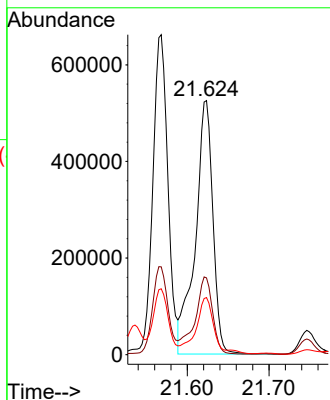
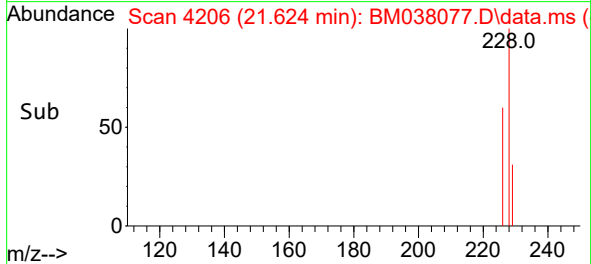
Instrument :
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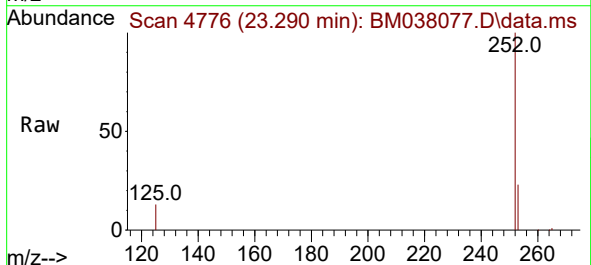
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Ion Ratio Lower Upper
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226 30.3 24.1 36.1
229 22.5 15.7 23.5

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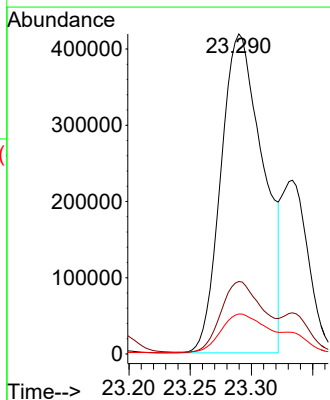
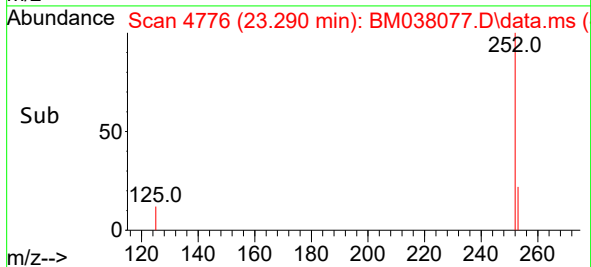
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

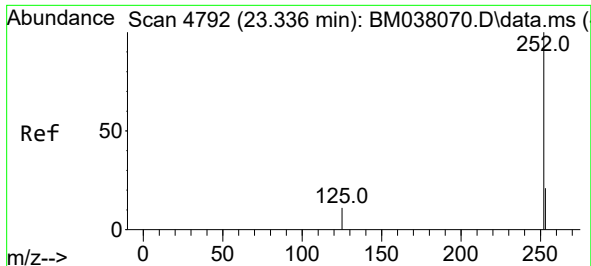


#24
Benzo(b)fluoranthene
Concen: 13.579 ng/ul
RT: 23.290 min Scan# 4776
Delta R.T. 0.003 min
Lab File: BM038077.D
Acq: 16 Dec 2022 21:21



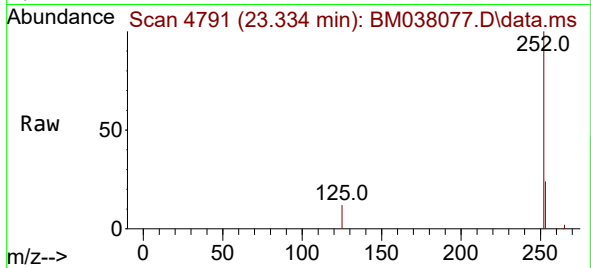
Tgt Ion:252 Resp: 1003795
Ion Ratio Lower Upper
252 100
253 22.7 0.0 51.8
125 12.5 0.0 42.2





#25
Benzo(k)fluoranthene
Concen: 4.737 ng/ul m
RT: 23.334 min Scan# 4791
Delta R.T. -0.003 min
Lab File: BM038077.D
Acq: 16 Dec 2022 21:21

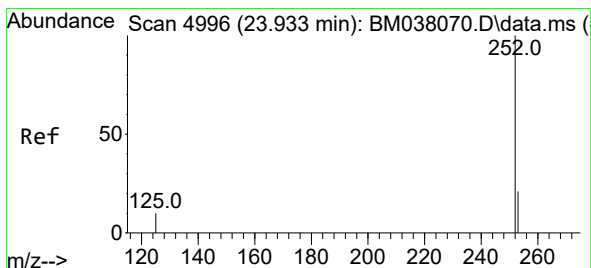
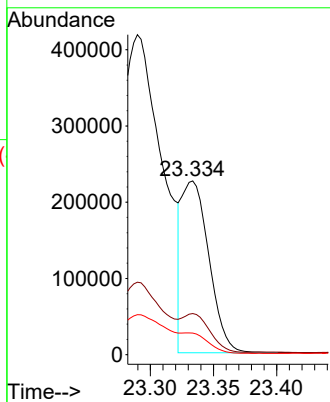
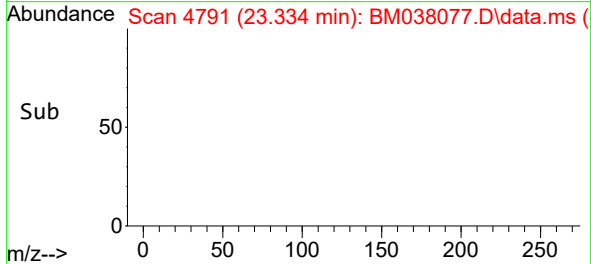
Instrument :
BNA_M
ClientSampleId :
DBYA3



Tgt Ion:252 Resp: 33794
Ion Ratio Lower Upper
252 100
253 23.7 20.8 31.2
125 12.5 17.1 25.7

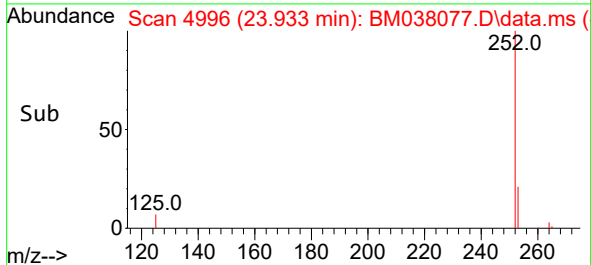
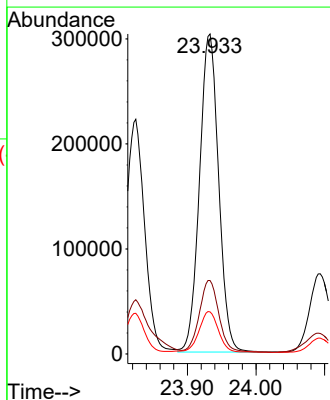
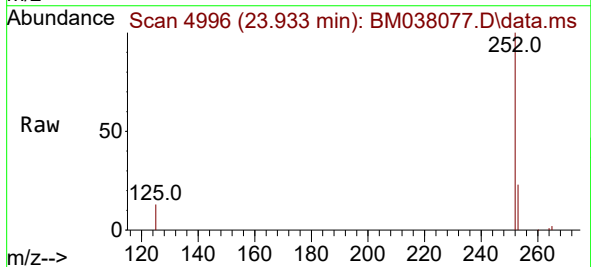
Manual Integrations
APPROVED

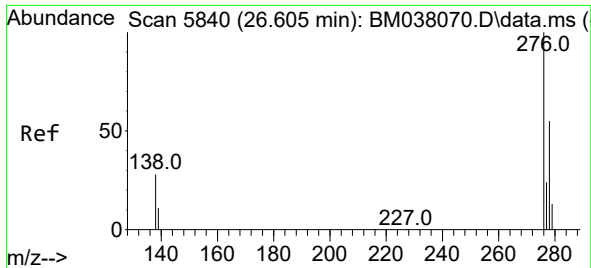
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022



#26
Benzo(a)pyrene
Concen: 9.422 ng/ul
RT: 23.933 min Scan# 4996
Delta R.T. 0.003 min
Lab File: BM038077.D
Acq: 16 Dec 2022 21:21

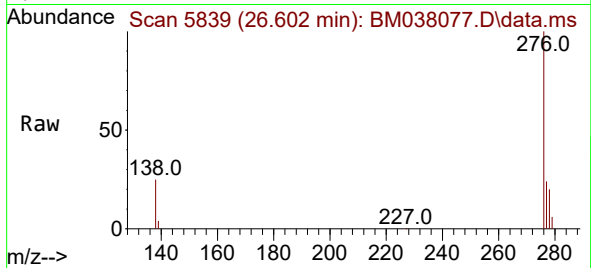
Tgt Ion:252 Resp: 586563
Ion Ratio Lower Upper
252 100
253 23.0 21.9 32.9
125 13.2 20.7 31.1





#27
Indeno(1,2,3-cd)pyrene
Concen: 5.004 ng/ul
RT: 26.602 min Scan# 5839
Delta R.T. -0.007 min
Lab File: BM038077.D
Acq: 16 Dec 2022 21:21

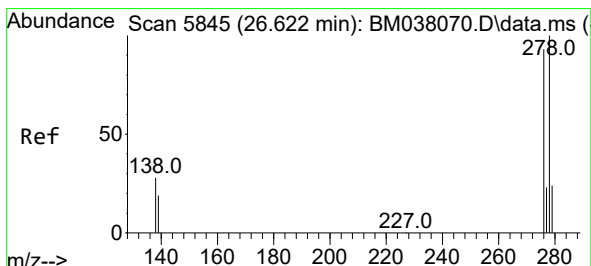
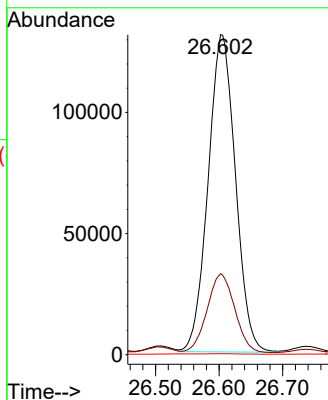
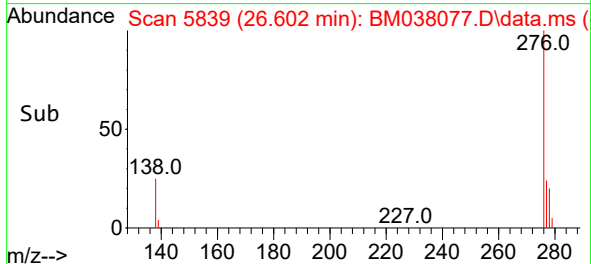
Instrument :
BNA_M
ClientSampleId :
DBYA3



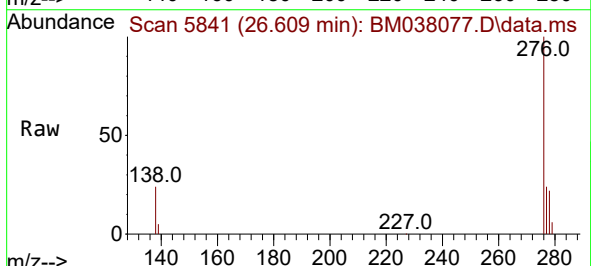
Tgt Ion:276 Resp: 39105
Ion Ratio Lower Upper
276 100
138 25.0 26.6 40.0
227 0.2 0.1 0.1

Manual Integrations
APPROVED

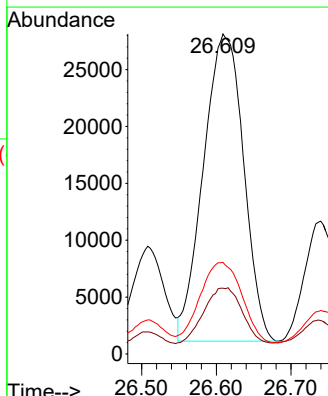
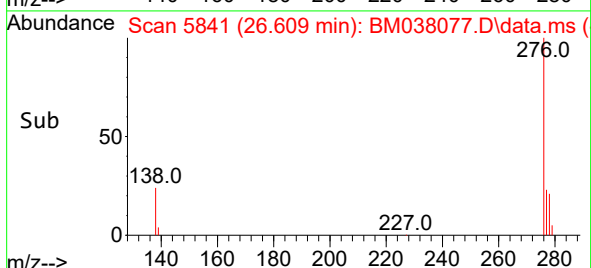
Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

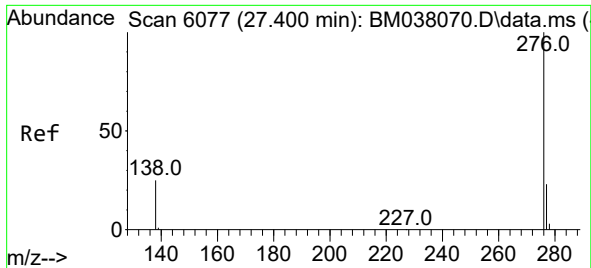


#28
Dibenzo(a,h)anthracene
Concen: 1.660 ng/ul
RT: 26.609 min Scan# 5841
Delta R.T. -0.013 min
Lab File: BM038077.D
Acq: 16 Dec 2022 21:21



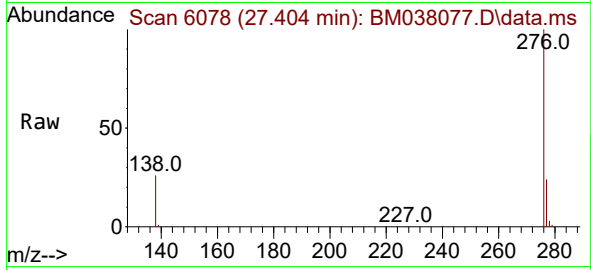
Tgt Ion:278 Resp: 101031
Ion Ratio Lower Upper
278 100
139 20.6 19.0 28.6
279 28.6 22.4 33.6





#29
Benzo(g,h,i)perylene
Concen: 4.013 ng/ul
RT: 27.404 min Scan# 6077
Delta R.T. 0.004 min
Lab File: BM038077.D
Acq: 16 Dec 2022 21:21

Instrument :
BNA_M
ClientSampleId :
DBYA3



Tgt Ion:276 Resp: 266372
Ion Ratio Lower Upper
276 100
138 25.8 24.1 36.1
277 23.8 19.0 28.6

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 12/19/2022

