

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037065.D
 Acq On : 14 Oct 2022 22:05
 Operator : CG/JU
 Sample : N5049-02
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BG4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2022
 Supervised By :mohammad ahmed 10/16/2022

Quant Time: Oct 14 23:06:00 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 07:11:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	5580	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	20267	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	11911	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	23519	0.400	ng/ul	0.00
17) Chrysene-d12	21.470	240	19722	0.400	ng/ul	0.00
23) Perylene-d12	23.859	264	15562	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	31229	3.969	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	8343	0.273	ng/ul	-0.01
18) Fluoranthene-d10	19.322	212	17316	0.294	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	264883	4.572	ng/ul	96
7) 2-Methylnaphthalene	12.393	142	205916	5.810	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	162557	4.516	ng/ul	99
10) Acenaphthylene	14.279	152	57083	1.153	ng/ul#	95
11) Acenaphthene	14.621	153	11314	0.263	ng/ul	98
12) Fluorene	15.602	166	14044	0.288	ng/ul#	84
15) Phenanthrene	17.338	178	352244	4.691	ng/ul	99
16) Anthracene	17.431	178	87067	1.388	ng/ul	98
19) Fluoranthene	19.349	202	526161	6.708	ng/ul	99
20) Pyrene	19.712	202	498874m	6.098	ng/ul	
21) Benzo(a)anthracene	21.453	228	290801	4.081	ng/ul	98
22) Chrysene	21.506	228	390686	5.107	ng/ul	99
24) Benzo(b)fluoranthene	23.131	252	565628	8.136	ng/ul	86
25) Benzo(k)fluoranthene	23.174	252	181911m	2.685	ng/ul	
26) Benzo(a)pyrene	23.753	252	299694	5.313	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.333	276	250640	3.137	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.343	278	69737	1.080	ng/ul#	91
29) Benzo(g,h,i)perylene	27.097	276	242590	3.445	ng/ul	96

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

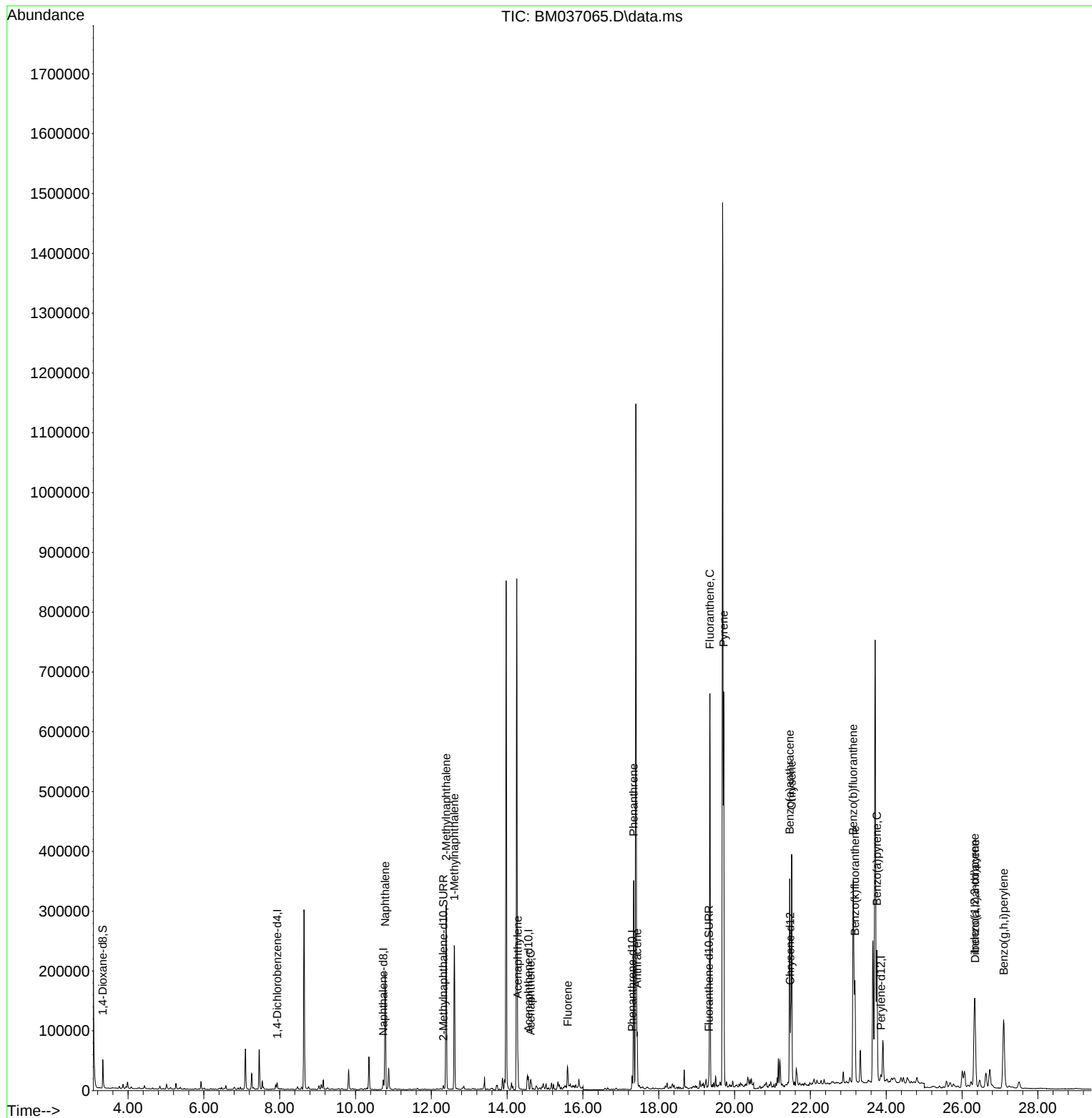
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037065.D
Acq On : 14 Oct 2022 22:05
Operator : CG/JU
Sample : N5049-02
Misc :
ALS Vial : 61 Sample Multiplier: 1

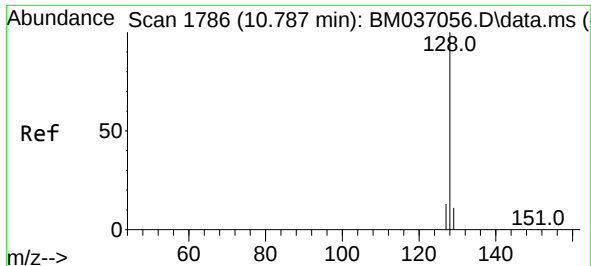
Instrument :
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ClientSampleId :
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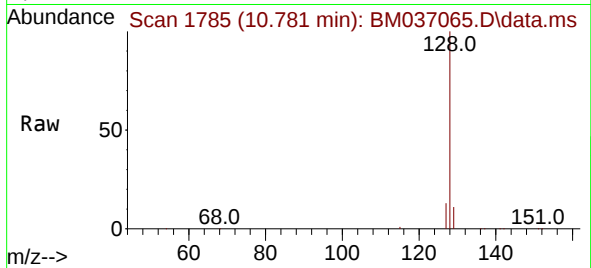
Quant Time: Oct 14 23:06:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 07:11:07 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 4.572 ng/ul
RT: 10.781 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

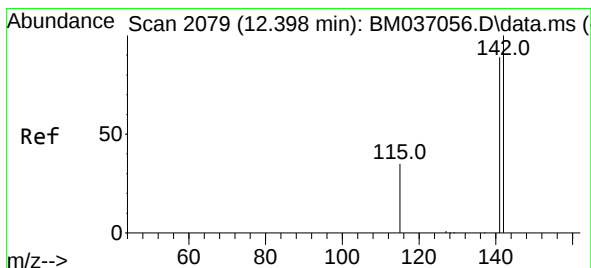
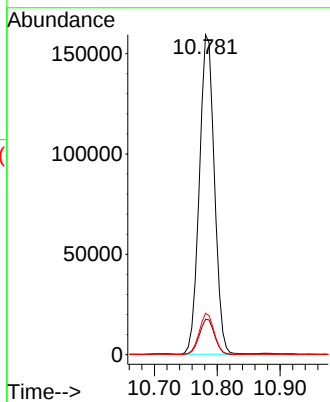
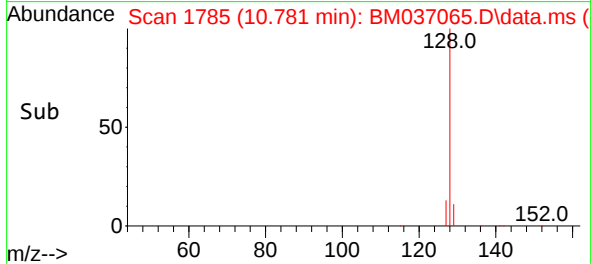
Instrument :
BNA_M
ClientSampleId :
C0BG4



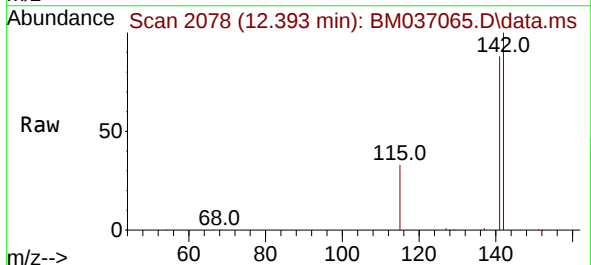
Tgt Ion:128 Resp: 26488
Ion Ratio Lower Upper
128 100
129 11.1 10.2 15.2
127 13.0 11.7 17.5

Manual Integrations
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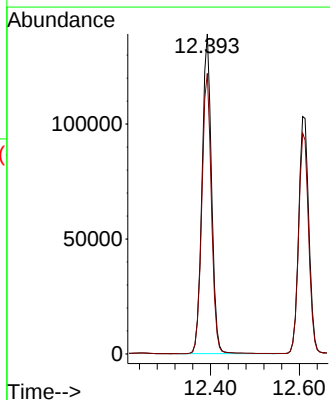
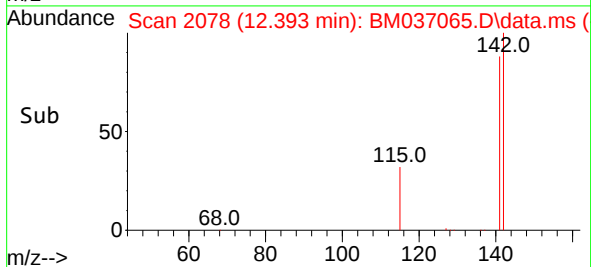
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

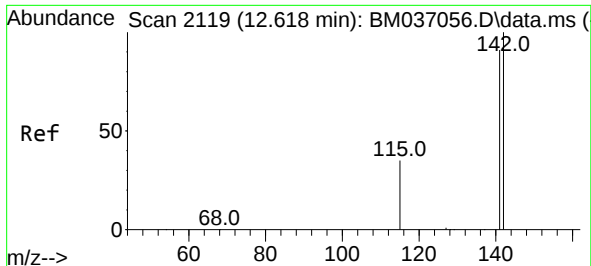


#7
2-Methylnaphthalene
Concen: 5.810 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05



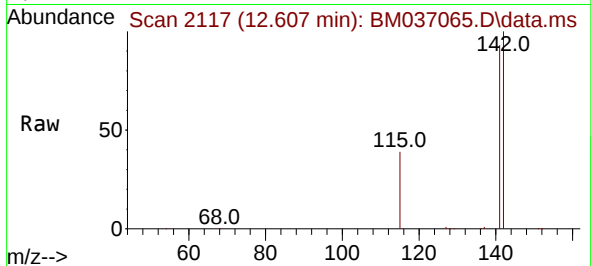
Tgt Ion:142 Resp: 205916
Ion Ratio Lower Upper
142 100
141 88.7 77.4 116.0





#8
1-Methylnaphthalene
Concen: 4.516 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

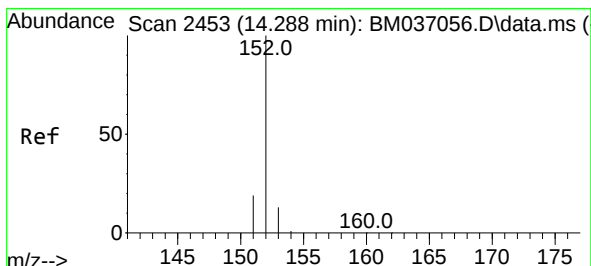
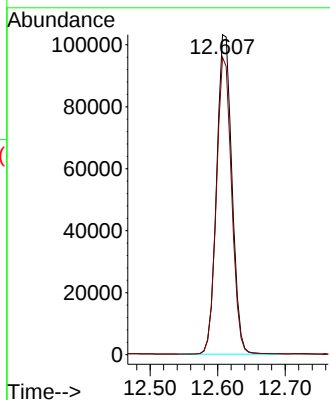
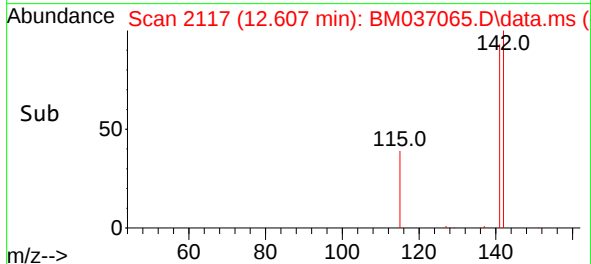
Instrument :
BNA_M
ClientSampleId :
C0BG4



Tgt Ion:142 Resp: 16255
Ion Ratio Lower Upper
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141 92.0 74.1 111.1

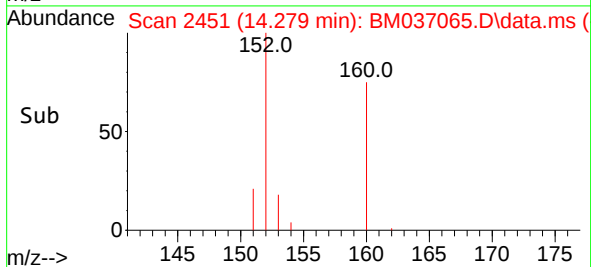
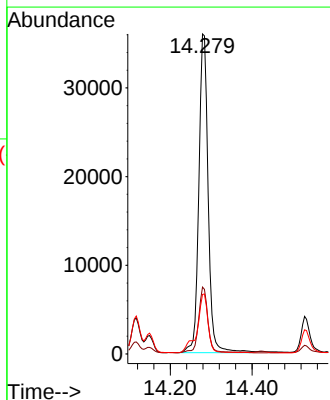
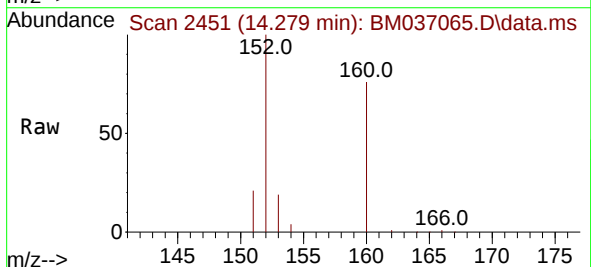
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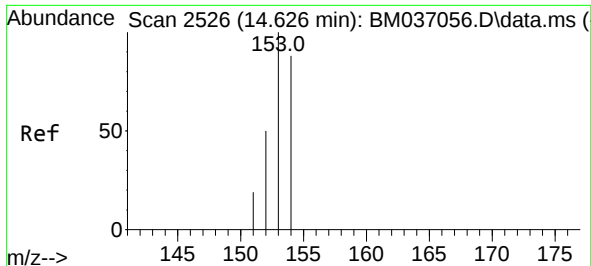
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#10
Acenaphthylene
Concen: 1.153 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. -0.006 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

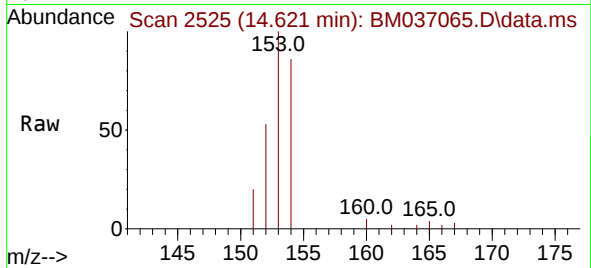
Tgt Ion:152 Resp: 57083
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8
153 18.6 11.4 17.0#





#11
Acenaphthene
Concen: 0.263 ng/u1
RT: 14.621 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

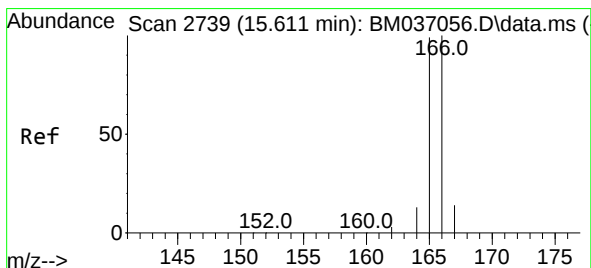
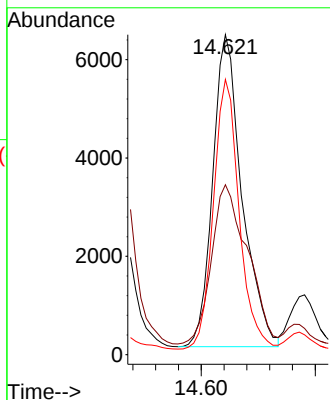
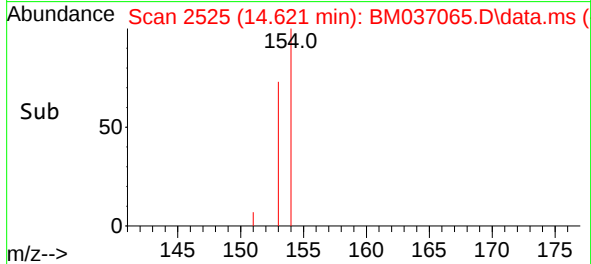
Instrument :
BNA_M
ClientSampleId :
C0BG4



Tgt Ion:153 Resp: 11314
Ion Ratio Lower Upper
153 100
152 53.1 40.2 60.4
154 86.0 69.7 104.5

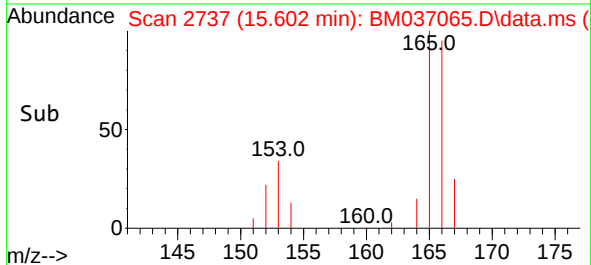
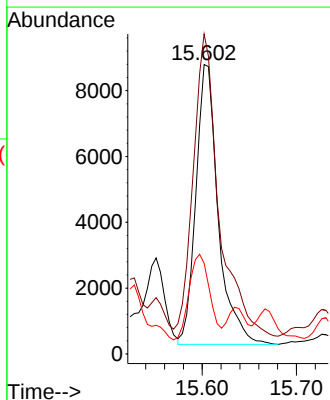
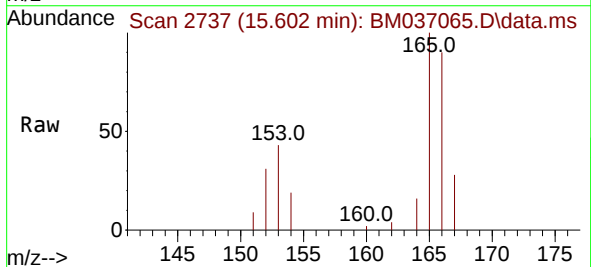
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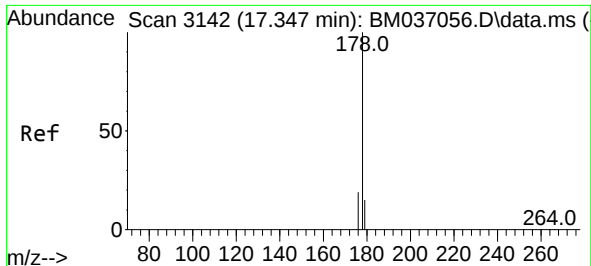
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#12
Fluorene
Concen: 0.288 ng/u1
RT: 15.602 min Scan# 2737
Delta R.T. -0.005 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

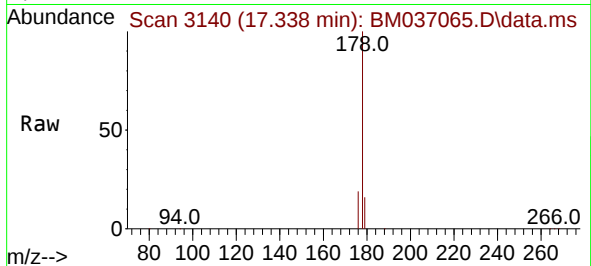
Tgt Ion:166 Resp: 14044
Ion Ratio Lower Upper
166 100
165 110.6 78.9 118.3
167 31.3 11.3 16.9#





#15
Phenanthrene
Concen: 4.691 ng/u1
RT: 17.338 min Scan# 3140
Delta R.T. -0.005 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

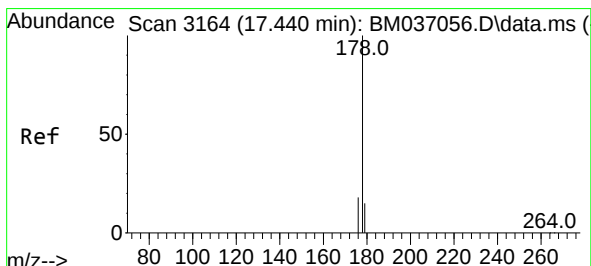
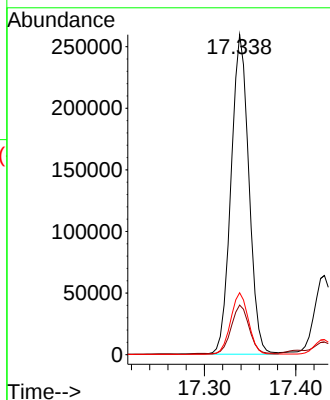
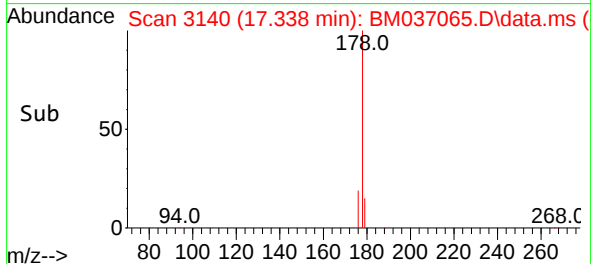
Instrument :
BNA_M
ClientSampleId :
C0BG4



Tgt Ion:178 Resp: 352244
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.3 15.6 23.4

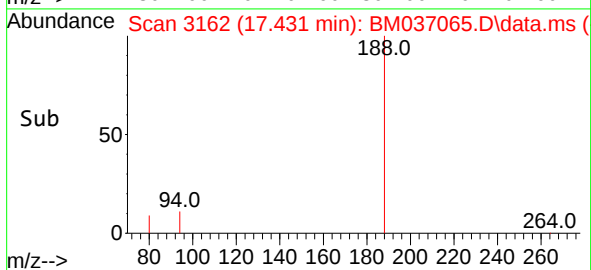
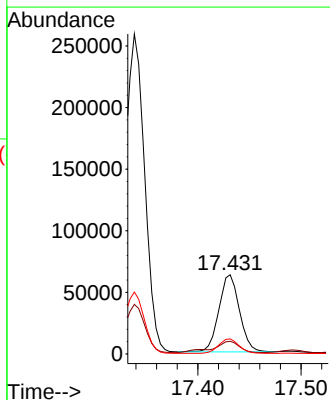
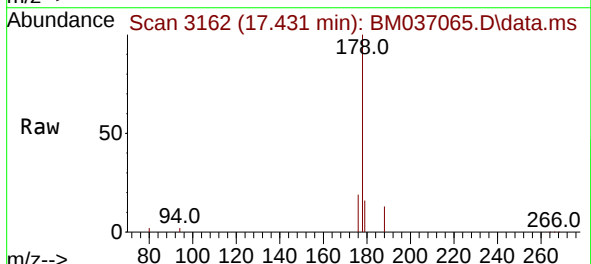
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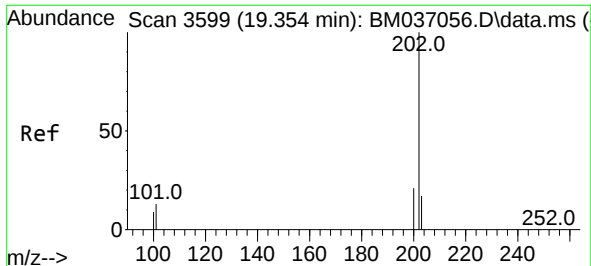
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#16
Anthracene
Concen: 1.388 ng/u1
RT: 17.431 min Scan# 3162
Delta R.T. -0.005 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

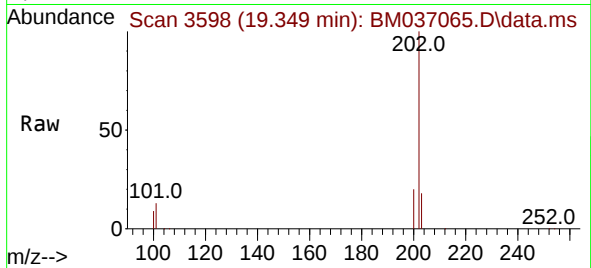
Tgt Ion:178 Resp: 87067
Ion Ratio Lower Upper
178 100
179 16.0 13.6 20.4
176 18.9 15.6 23.4





#19
Fluoranthene
Concen: 6.708 ng/ul
RT: 19.349 min Scan# 3598
Delta R.T. -0.006 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

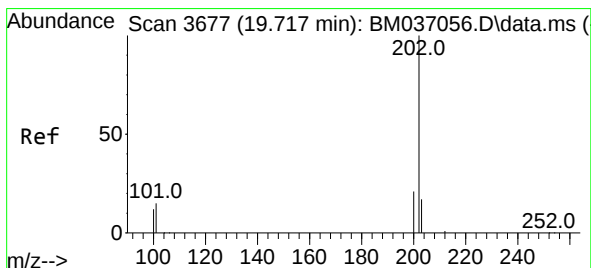
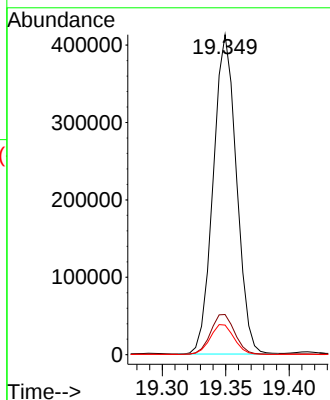
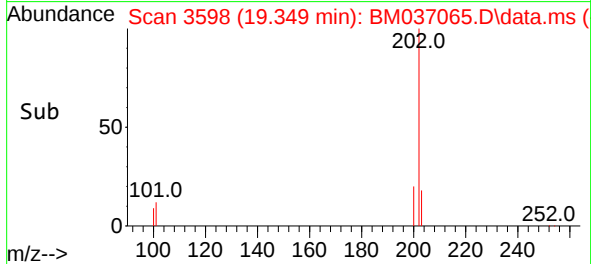
Instrument :
BNA_M
ClientSampleId :
C0BG4



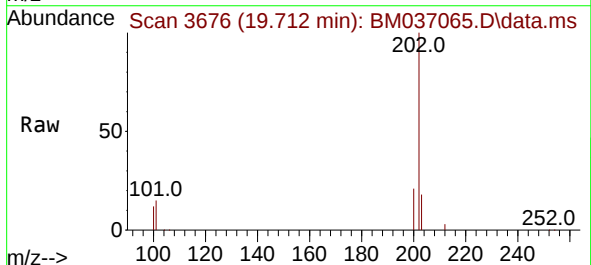
Tgt Ion:202 Resp: 52616
Ion Ratio Lower Upper
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101 12.5 10.1 15.1
100 9.2 7.9 11.9

Manual Integrations
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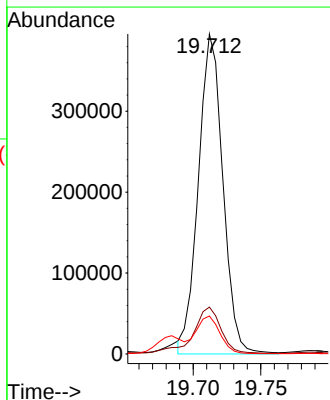
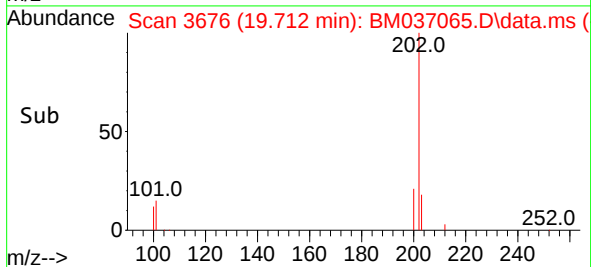
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

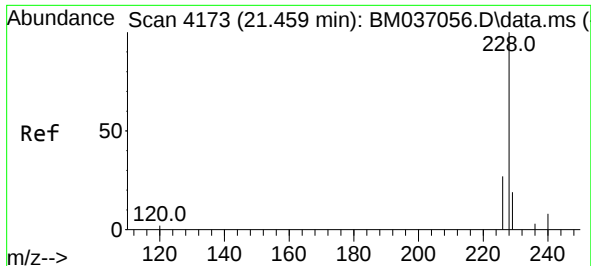


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Pyrene
Concen: 6.098 ng/ul m
RT: 19.712 min Scan# 3676
Delta R.T. -0.006 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05



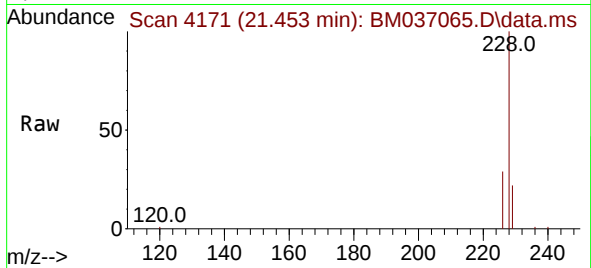
Tgt Ion:202 Resp: 498874
Ion Ratio Lower Upper
202 100
101 14.6 12.0 18.0
100 11.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 4.081 ng/ul
RT: 21.453 min Scan# 4171
Delta R.T. -0.005 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

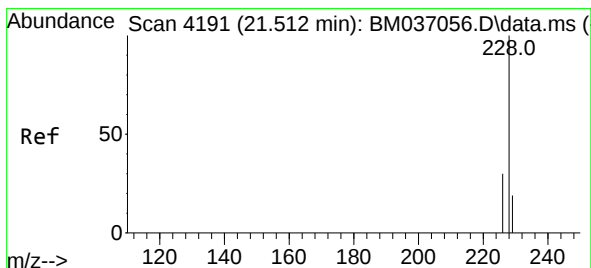
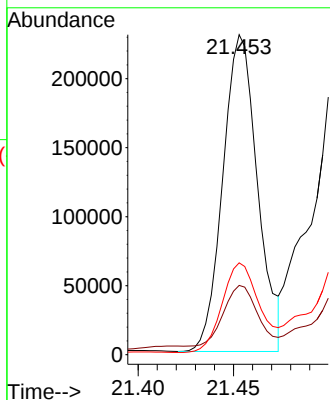
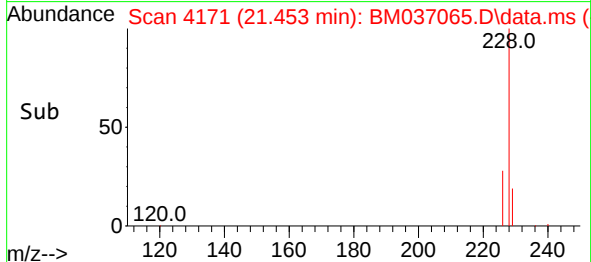
Instrument :
BNA_M
ClientSampleId :
C0BG4



Tgt Ion:228 Resp: 29080
Ion Ratio Lower Upper
228 100
229 21.7 16.2 24.2
226 28.7 22.5 33.7

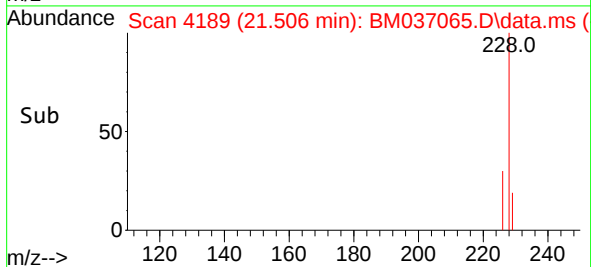
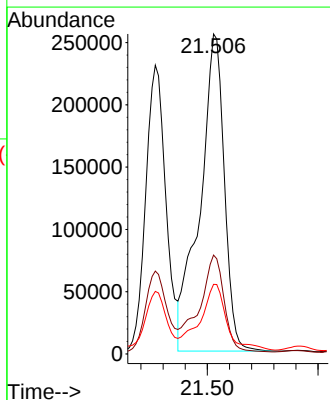
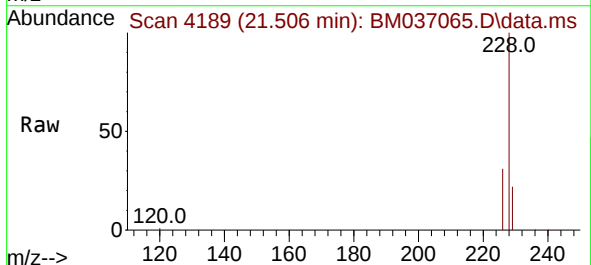
Manual Integrations
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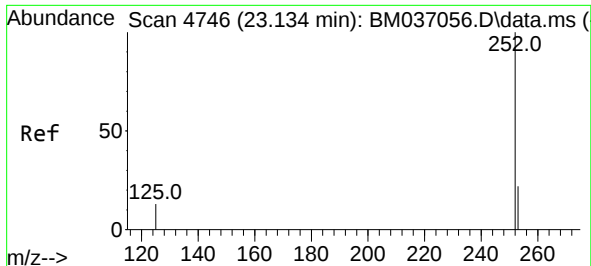
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#22
Chrysene
Concen: 5.107 ng/ul
RT: 21.506 min Scan# 4189
Delta R.T. -0.005 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

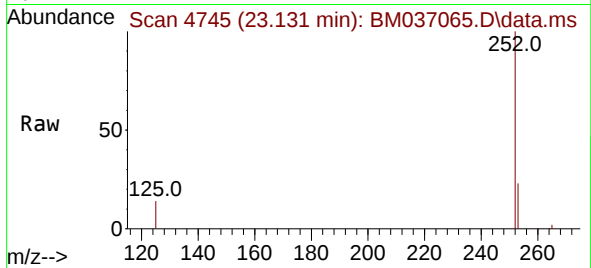
Tgt Ion:228 Resp: 390686
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 21.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 8.136 ng/ul
RT: 23.131 min Scan# 4745
Delta R.T. -0.005 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

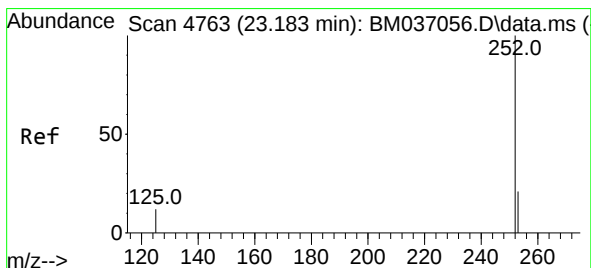
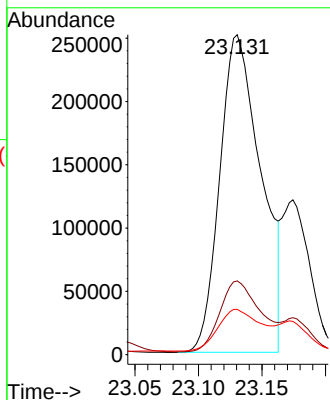
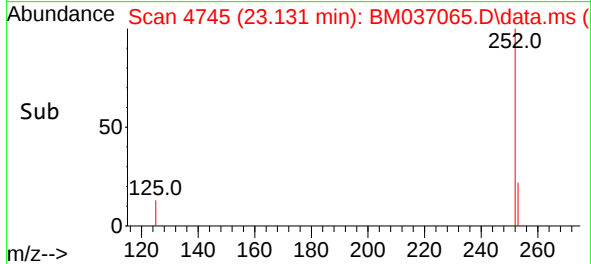
Instrument :
BNA_M
ClientSampleId :
C0BG4



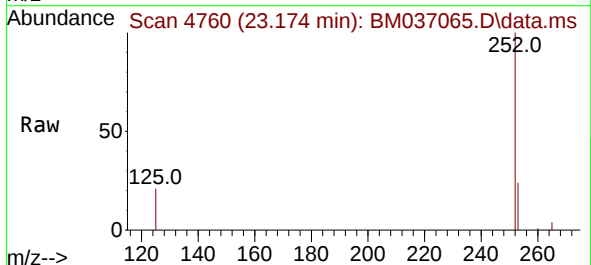
Tgt Ion:252 Resp: 565628
Ion Ratio Lower Upper
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253 23.1 0.0 61.4
125 14.1 0.0 42.6

Manual Integrations
APPROVED

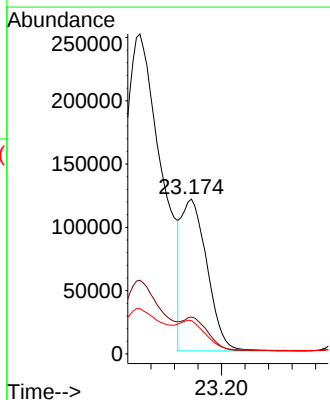
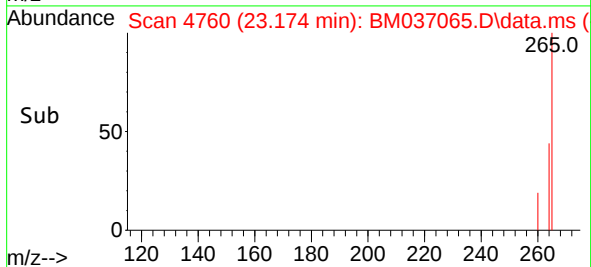
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

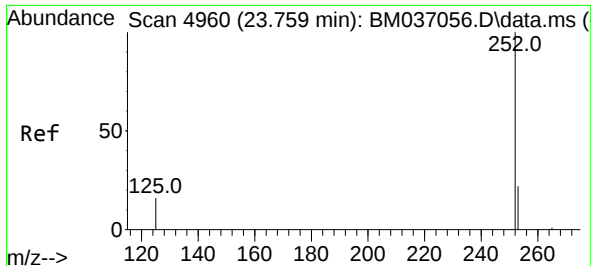


#25
Benzo(k)fluoranthene
Concen: 2.685 ng/ul m
RT: 23.174 min Scan# 4760
Delta R.T. -0.008 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05



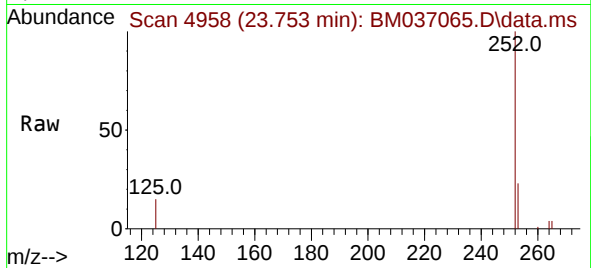
Tgt Ion:252 Resp: 181911
Ion Ratio Lower Upper
252 100
253 23.9 25.2 37.8#
125 21.5 18.3 27.5





#26
Benzo(a)pyrene
Concen: 5.313 ng/ul
RT: 23.753 min Scan# 4958
Delta R.T. -0.005 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

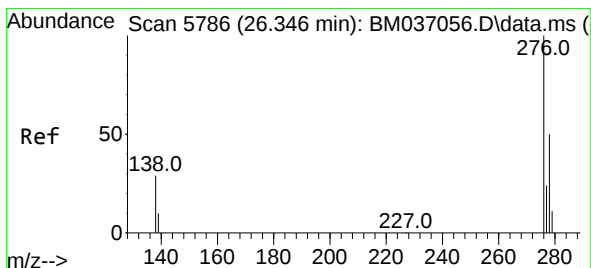
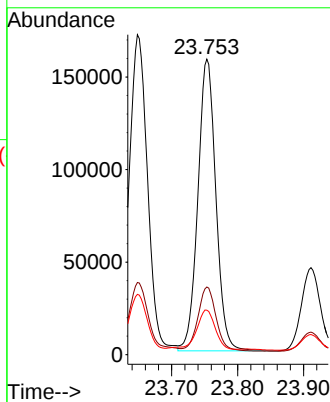
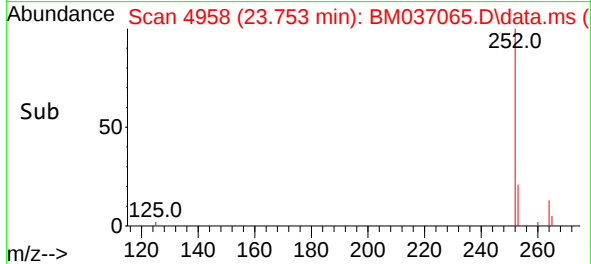
Instrument :
BNA_M
ClientSampleId :
C0BG4



Tgt Ion:252 Resp: 299694
Ion Ratio Lower Upper
252 100
253 22.9 29.7 44.5
125 15.1 23.6 35.4

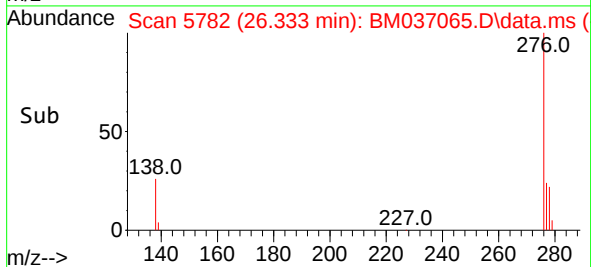
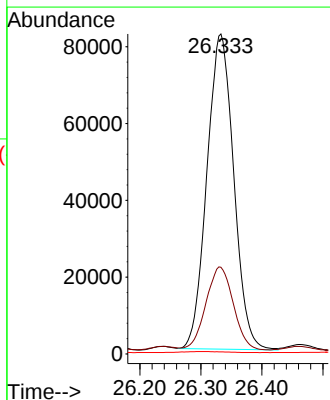
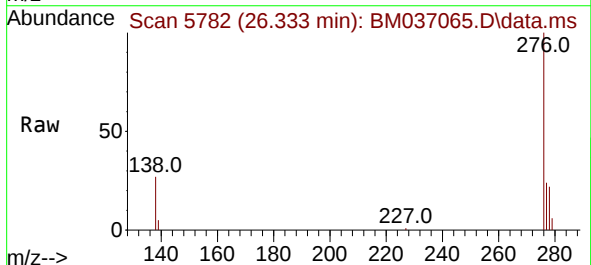
Manual Integrations
APPROVED

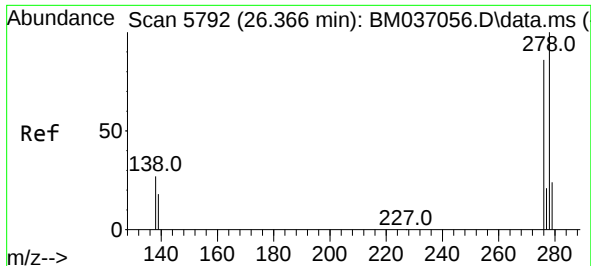
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.137 ng/ul
RT: 26.333 min Scan# 5782
Delta R.T. -0.009 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

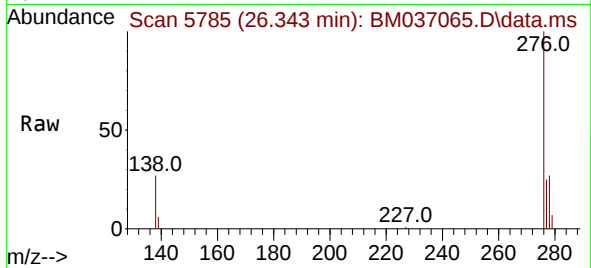
Tgt Ion:276 Resp: 250640
Ion Ratio Lower Upper
276 100
138 27.0 23.9 35.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 1.080 ng/ul
RT: 26.343 min Scan# 51
Delta R.T. -0.019 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

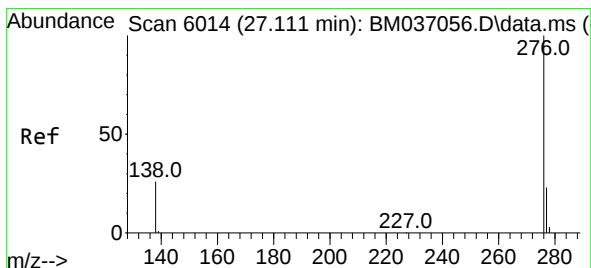
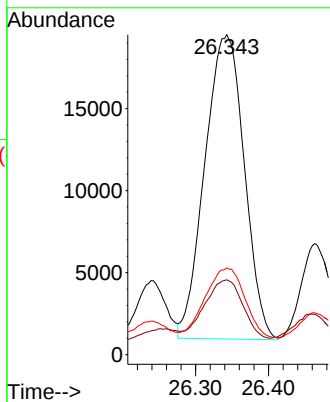
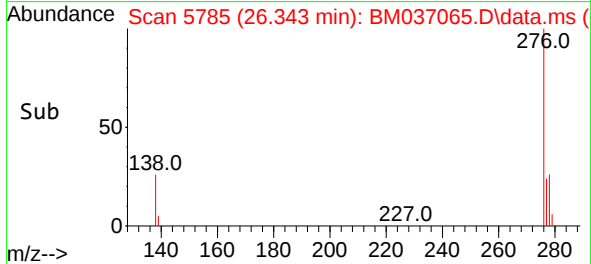
Instrument :
BNA_M
ClientSampleId :
C0BG4



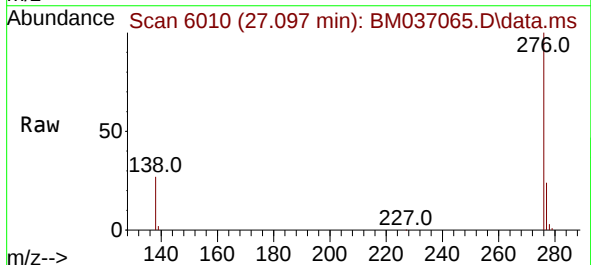
Tgt Ion:278 Resp: 6973
Ion Ratio Lower Upper
278 100
139 23.4 19.8 29.6
279 27.2 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#29
Benzo(g,h,i)perylene
Concen: 3.445 ng/ul
RT: 27.097 min Scan# 6010
Delta R.T. -0.009 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05



Tgt Ion:276 Resp: 242590
Ion Ratio Lower Upper
276 100
138 27.4 23.4 35.0
277 23.8 21.0 31.4

