

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037067.D
 Acq On : 14 Oct 2022 23:15
 Operator : CG/JU
 Sample : N5049-04
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BG6

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 02:30:46 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	7.930	152	5669	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	20667	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.557	164	12396	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	23991	0.400	ng/ul	0.00
17) Chrysene-d12	21.470	240	17064	0.400	ng/ul	0.00
23) Perylene-d12	23.855	264	13060	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	41689	5.215	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	11318	0.363	ng/ul	-0.01
18) Fluoranthene-d10	19.318	212	24413	0.478	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.781	128	257898	4.365	ng/ul	96
7) 2-Methylnaphthalene	12.393	142	201274	5.569	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	164899	4.492	ng/ul	99
10) Acenaphthylene	14.280	152	106558	2.068	ng/ul	97
11) Acenaphthene	14.622	153	18649	0.417	ng/ul	99
12) Fluorene	15.603	166	33946	0.670	ng/ul#	95
15) Phenanthrene	17.339	178	1071157	13.986	ng/ul	99
16) Anthracene	17.428	178	221248	3.457	ng/ul	98
19) Fluoranthene	19.350	202	2212379	32.597	ng/ul	99
20) Pyrene	19.713	202	1818745	25.696	ng/ul	100
21) Benzo(a)anthracene	21.452	228	913306	14.814	ng/ul	99
22) Chrysene	21.505	228	1002391	15.144	ng/ul	99
24) Benzo(b)fluoranthene	23.130	252	1128949	19.350	ng/ul	84
25) Benzo(k)fluoranthene	23.174	252	372537m	6.553	ng/ul	
26) Benzo(a)pyrene	23.753	252	664894	14.046	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.332	276	486135	7.250	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.335	278	127265m	2.349	ng/ul	
29) Benzo(g,h,i)perylene	27.097	276	423696	7.170	ng/ul	96

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

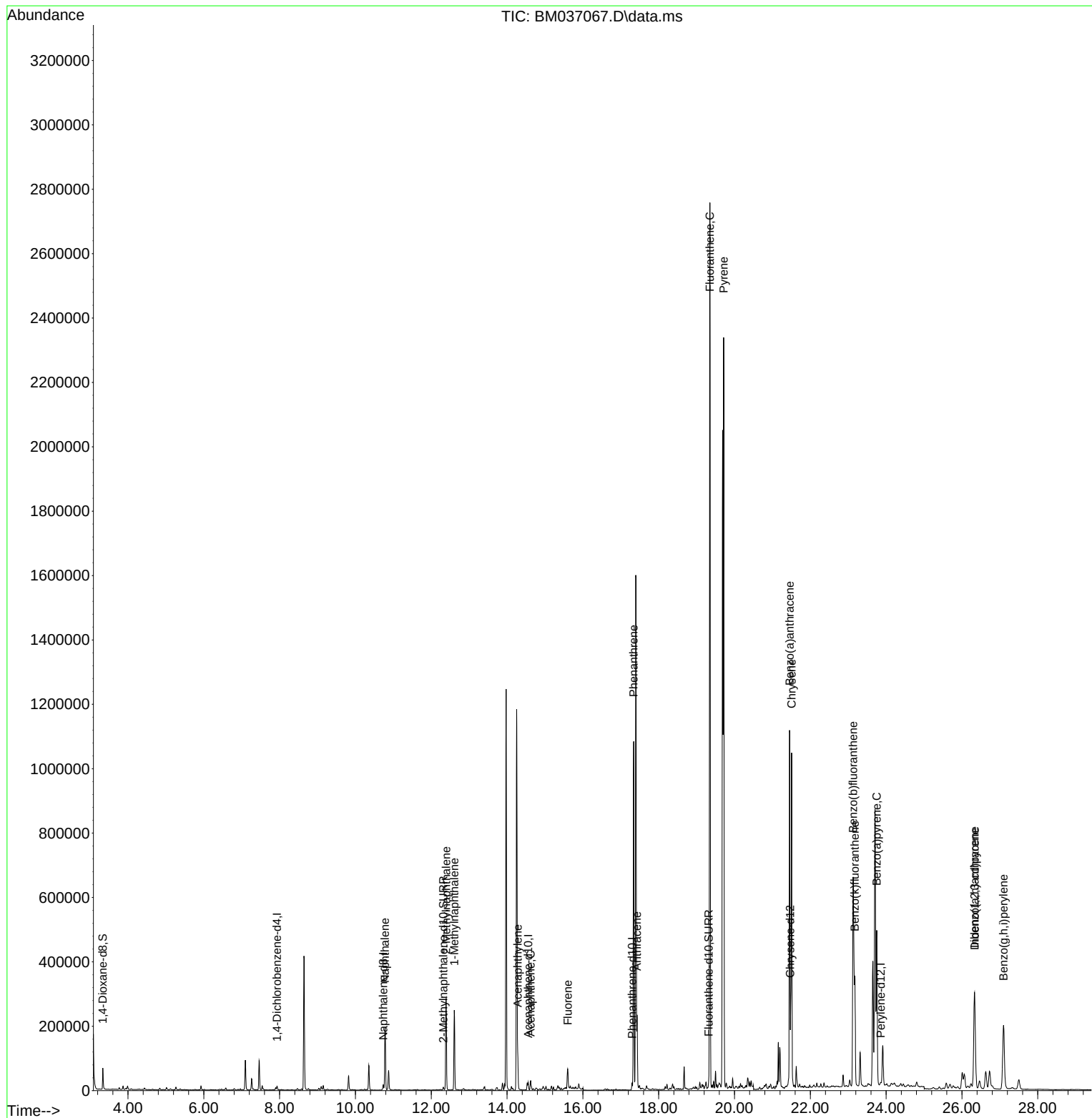
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037067.D
Acq On : 14 Oct 2022 23:15
Operator : CG/JU
Sample : N5049-04
Misc :
ALS Vial : 63 Sample Multiplier: 1

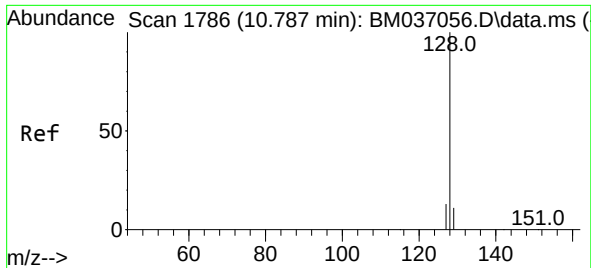
Instrument :
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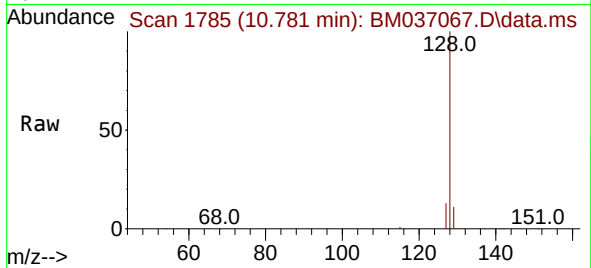
Quant Time: Oct 15 02:30:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 07:11:07 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 4.365 ng/ul
RT: 10.781 min Scan# 1785
Delta R.T. -0.005 min
Lab File: BM037067.D
Acq: 14 Oct 2022 23:15

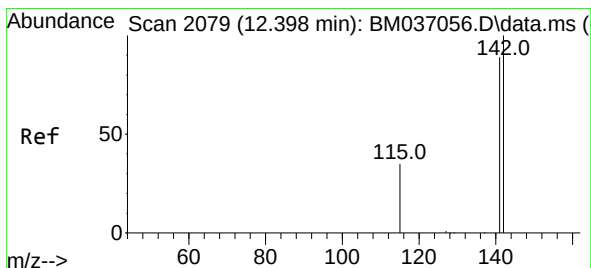
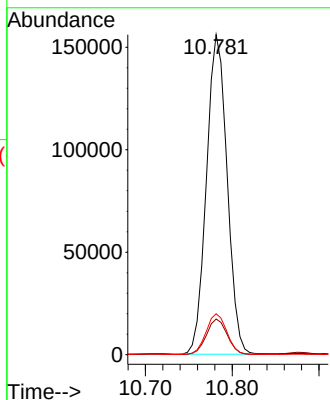
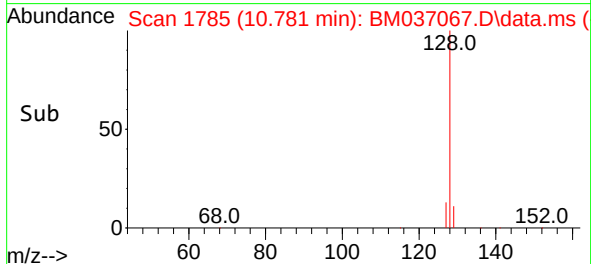
Instrument :
BNA_M
ClientSampleId :
C0BG6



Tgt Ion:128 Resp: 257898
Ion Ratio Lower Upper
128 100
129 11.2 10.2 15.2
127 12.8 11.7 17.5

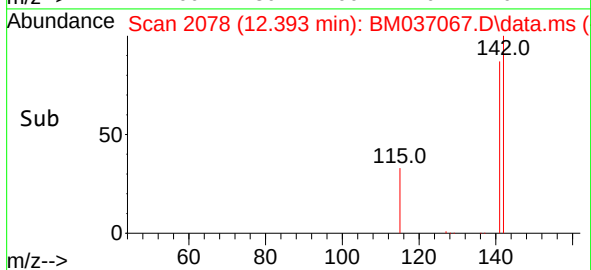
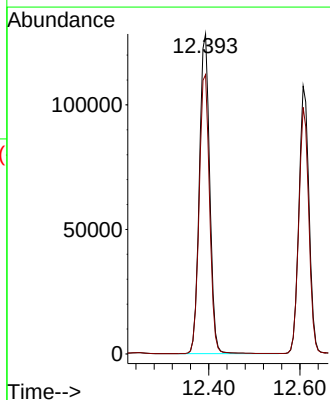
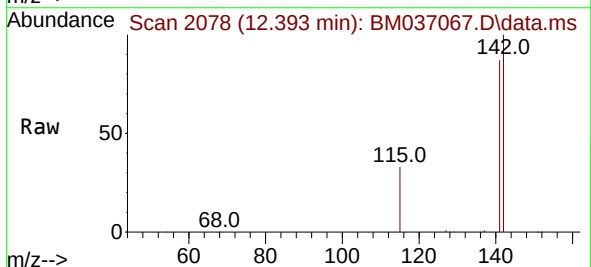
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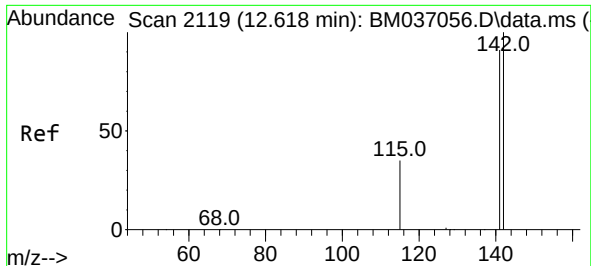
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#7
2-Methylnaphthalene
Concen: 5.569 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM037067.D
Acq: 14 Oct 2022 23:15

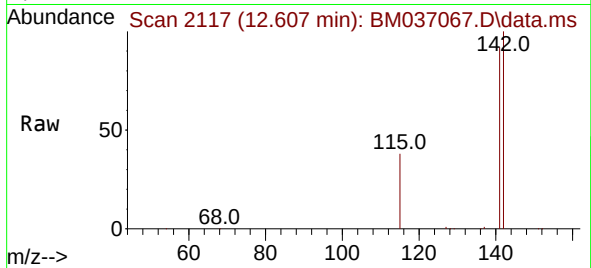
Tgt Ion:142 Resp: 201274
Ion Ratio Lower Upper
142 100
141 88.4 77.4 116.0





#8
1-Methylnaphthalene
Concen: 4.492 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BM037067.D
Acq: 14 Oct 2022 23:15

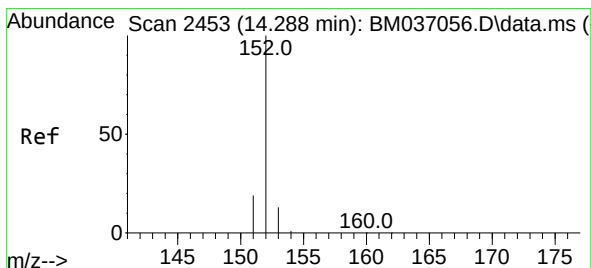
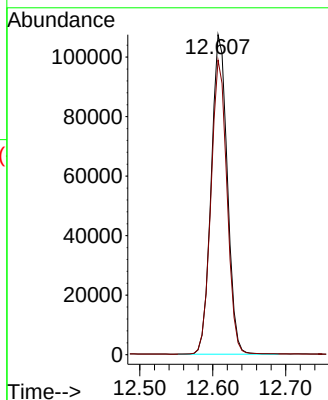
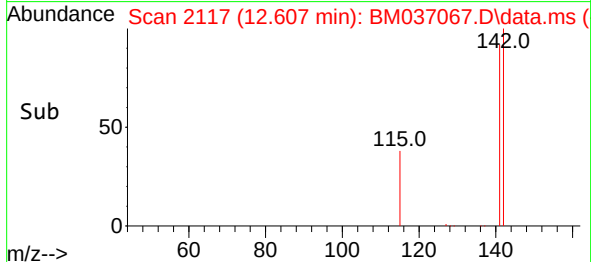
Instrument :
BNA_M
ClientSampleId :
C0BG6



Tgt Ion:142 Resp: 16489
Ion Ratio Lower Upper
142 100
141 91.6 74.1 111.1

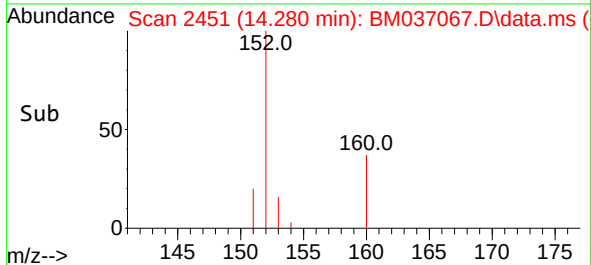
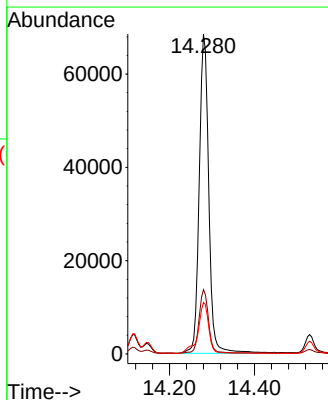
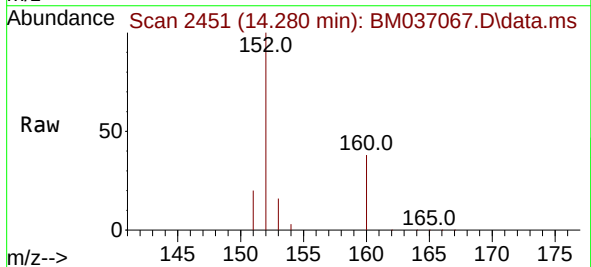
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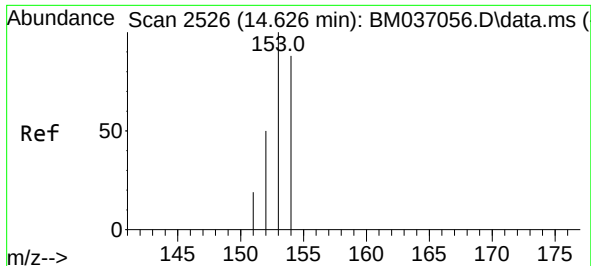
Reviewed By :Yogesh Patel 10/15/2022
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#10
Acenaphthylene
Concen: 2.068 ng/ul
RT: 14.280 min Scan# 2451
Delta R.T. -0.005 min
Lab File: BM037067.D
Acq: 14 Oct 2022 23:15

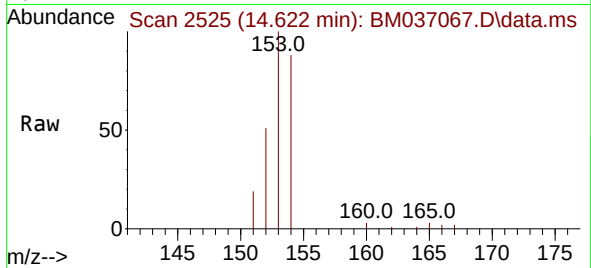
Tgt Ion:152 Resp: 106558
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8
153 16.1 11.4 17.0





#11
Acenaphthene
Concen: 0.417 ng/ul
RT: 14.622 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037067.D
Acq: 14 Oct 2022 23:15

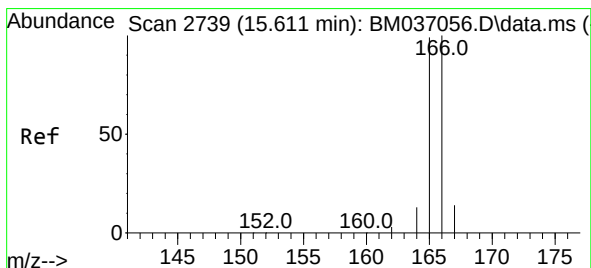
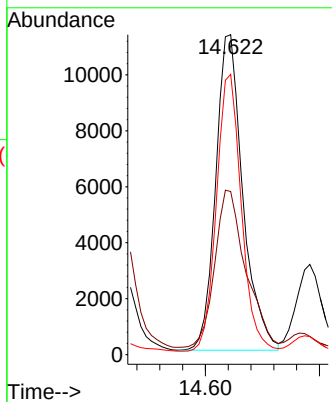
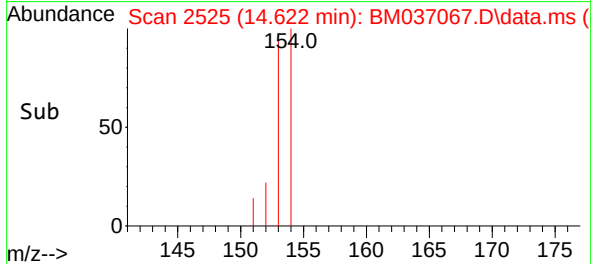
Instrument :
BNA_M
ClientSampleId :
C0BG6



Tgt Ion:153 Resp: 18649
Ion Ratio Lower Upper
153 100
152 51.0 40.2 60.4
154 87.6 69.7 104.5

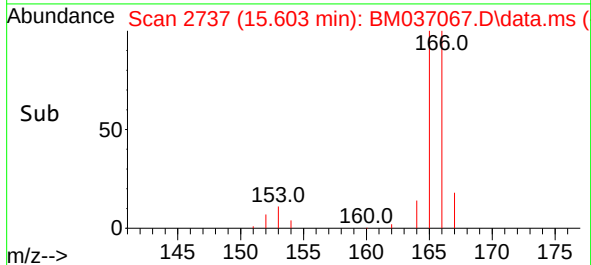
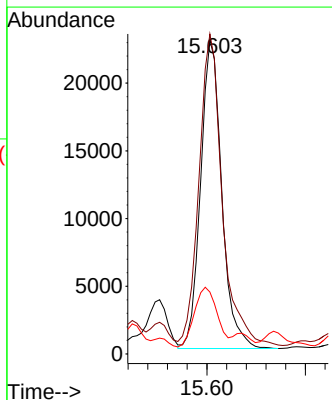
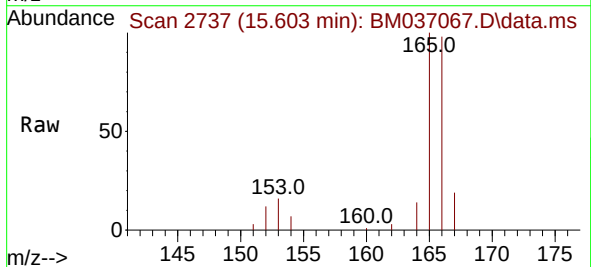
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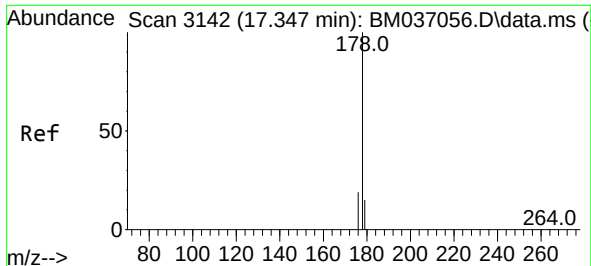
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#12
Fluorene
Concen: 0.670 ng/ul
RT: 15.603 min Scan# 2737
Delta R.T. -0.005 min
Lab File: BM037067.D
Acq: 14 Oct 2022 23:15

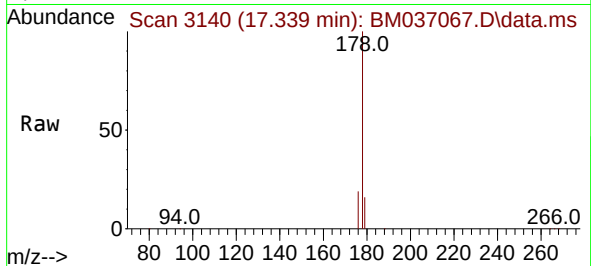
Tgt Ion:166 Resp: 33946
Ion Ratio Lower Upper
166 100
165 101.8 78.9 118.3
167 19.7 11.3 16.9#





#15
Phenanthrene
Concen: 13.986 ng/u1
RT: 17.339 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BM037067.D
Acq: 14 Oct 2022 23:15

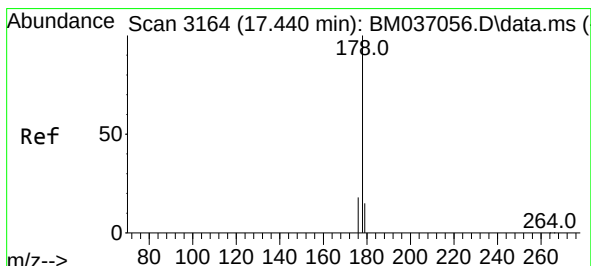
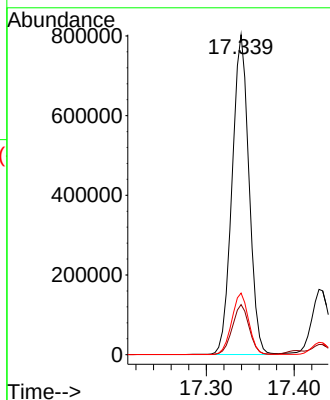
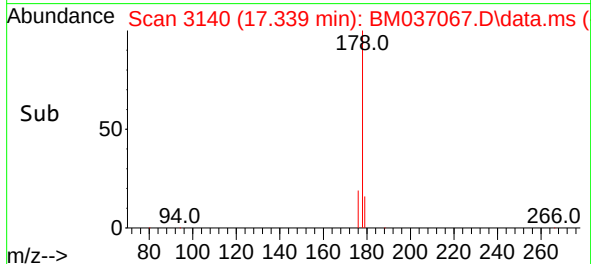
Instrument :
BNA_M
ClientSampleId :
C0BG6



Tgt Ion:178 Resp: 107115
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.3 15.6 23.4

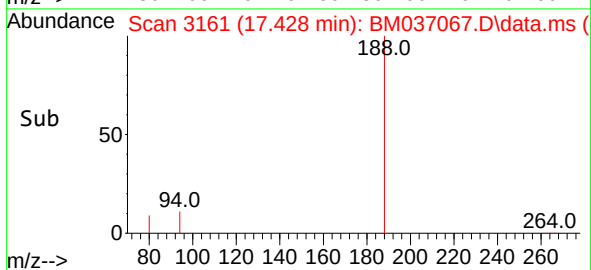
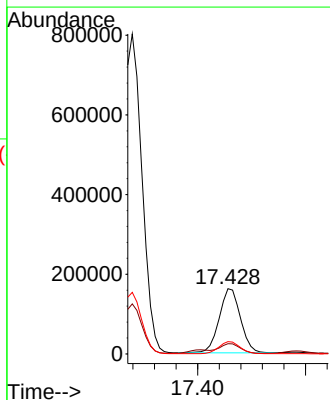
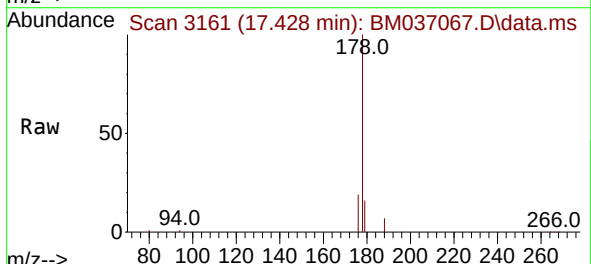
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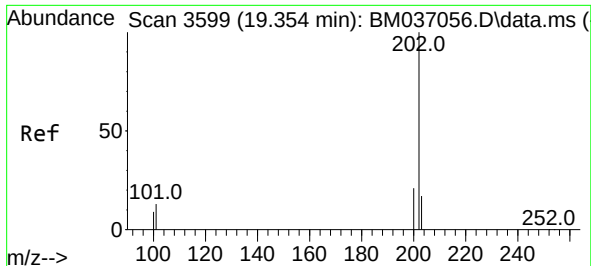
Reviewed By :Yogesh Patel 10/15/2022
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#16
Anthracene
Concen: 3.457 ng/u1
RT: 17.428 min Scan# 3161
Delta R.T. -0.008 min
Lab File: BM037067.D
Acq: 14 Oct 2022 23:15

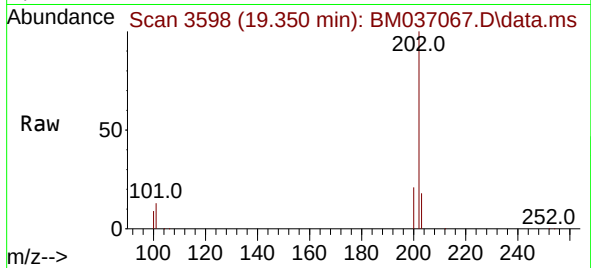
Tgt Ion:178 Resp: 221248
Ion Ratio Lower Upper
178 100
179 15.7 13.6 20.4
176 19.0 15.6 23.4





#19
Fluoranthene
Concen: 32.597 ng/u1
RT: 19.350 min Scan# 3599
Delta R.T. -0.005 min
Lab File: BM037067.D
Acq: 14 Oct 2022 23:15

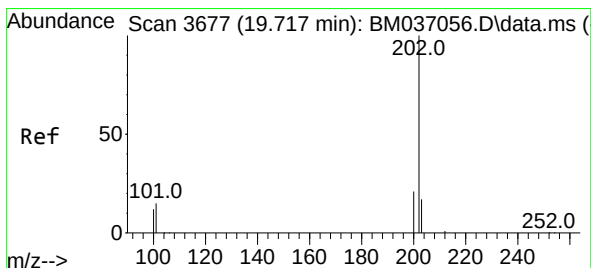
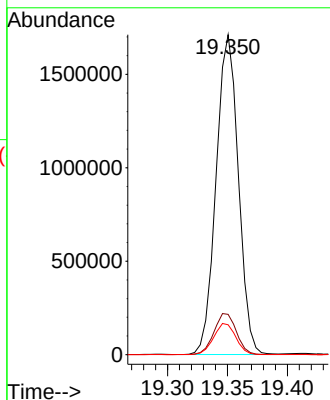
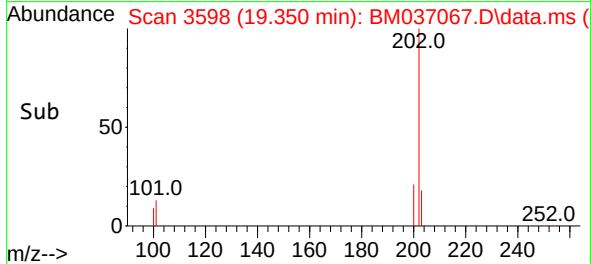
Instrument :
BNA_M
ClientSampleId :
C0BG6



Tgt Ion:202 Resp: 2212379
Ion Ratio Lower Upper
202 100
101 12.6 10.1 15.1
100 9.4 7.9 11.9

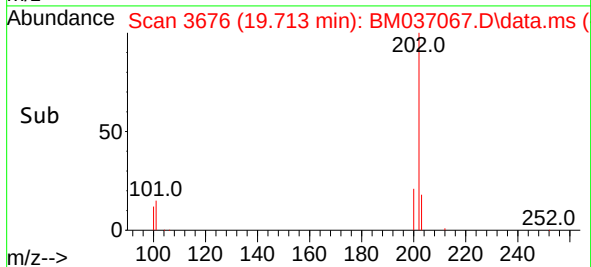
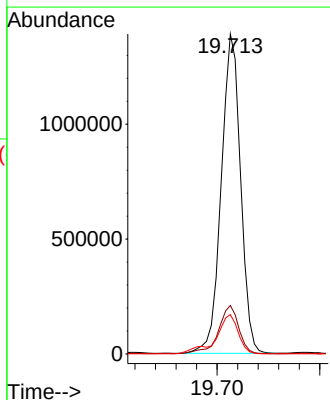
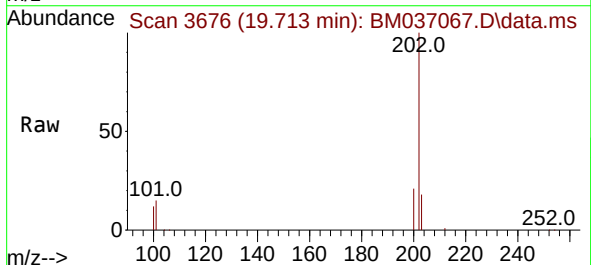
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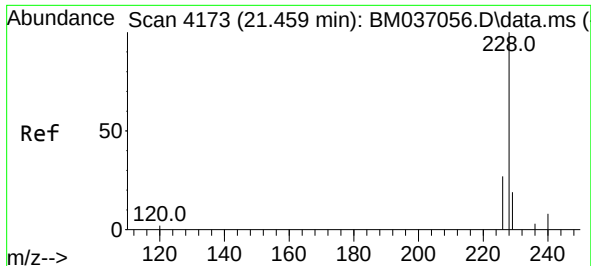
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#20
Pyrene
Concen: 25.696 ng/u1
RT: 19.713 min Scan# 3676
Delta R.T. -0.005 min
Lab File: BM037067.D
Acq: 14 Oct 2022 23:15

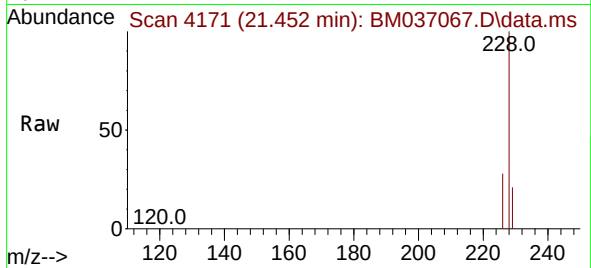
Tgt Ion:202 Resp: 1818745
Ion Ratio Lower Upper
202 100
101 15.2 12.0 18.0
100 12.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 14.814 ng/ul
RT: 21.452 min Scan# 4171
Delta R.T. -0.006 min
Lab File: BM037067.D
Acq: 14 Oct 2022 23:15

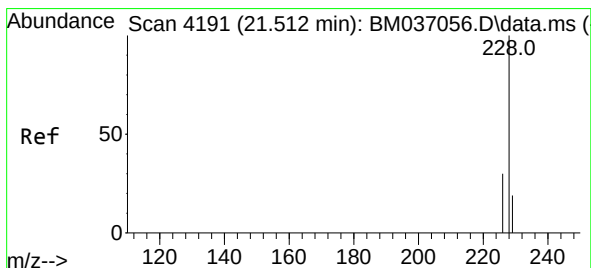
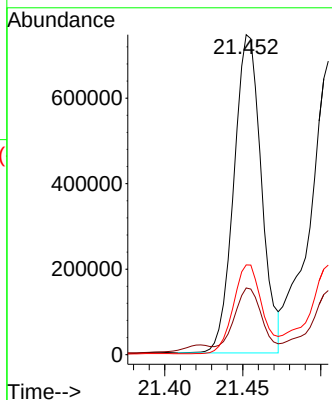
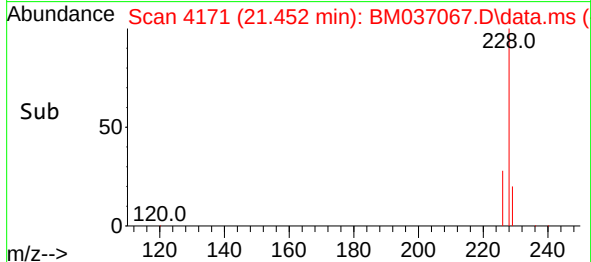
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C0BG6



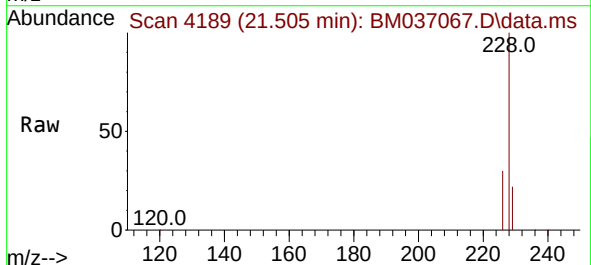
Tgt Ion:228 Resp: 913300
Ion Ratio Lower Upper
228 100
229 20.8 16.2 24.2
226 28.1 22.5 33.7

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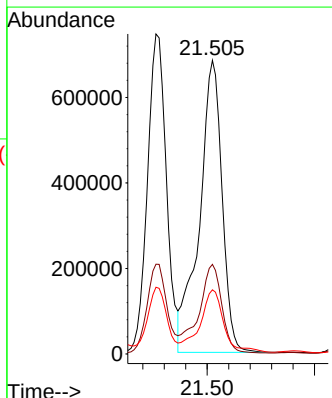
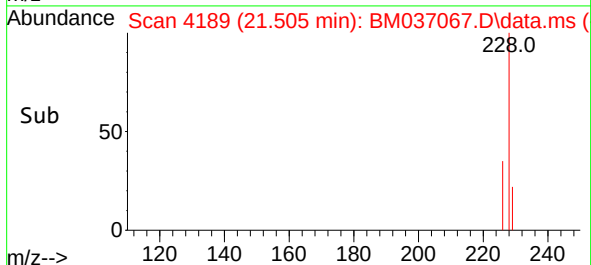
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

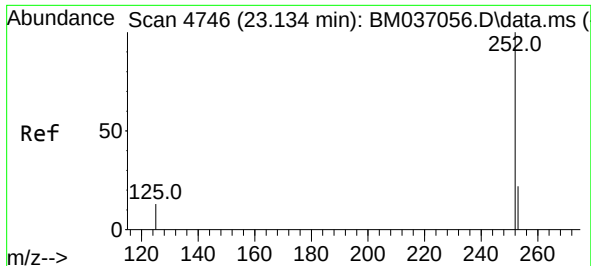


#22
Chrysene
Concen: 15.144 ng/ul
RT: 21.505 min Scan# 4189
Delta R.T. -0.006 min
Lab File: BM037067.D
Acq: 14 Oct 2022 23:15



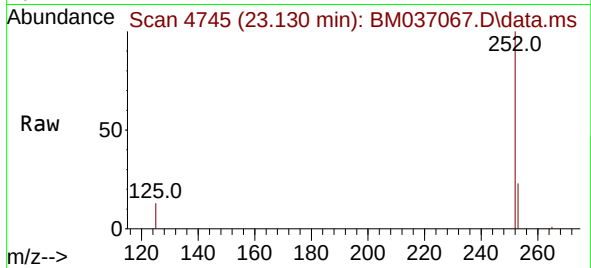
Tgt Ion:228 Resp: 1002391
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 21.8 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 19.350 ng/ul
RT: 23.130 min Scan# 4745
Delta R.T. -0.006 min
Lab File: BM037067.D
Acq: 14 Oct 2022 23:15

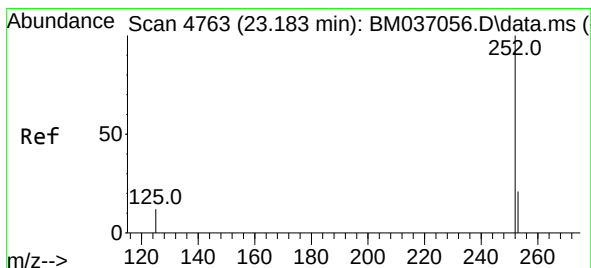
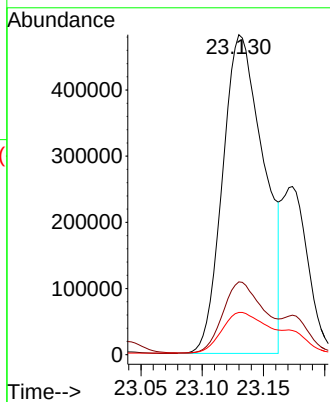
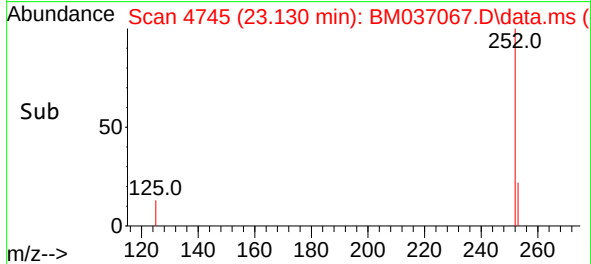
Instrument :
BNA_M
ClientSampleId :
C0BG6



Tgt Ion:252 Resp: 1128949
Ion Ratio Lower Upper
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253 22.7 0.0 61.4
125 13.2 0.0 42.6

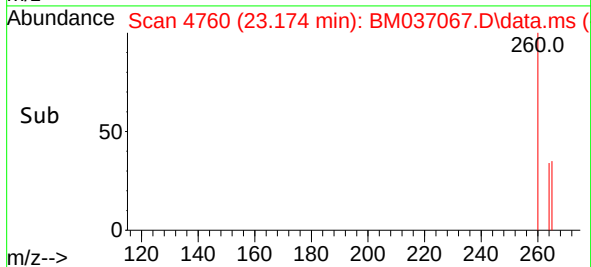
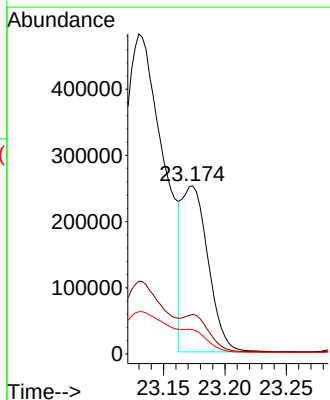
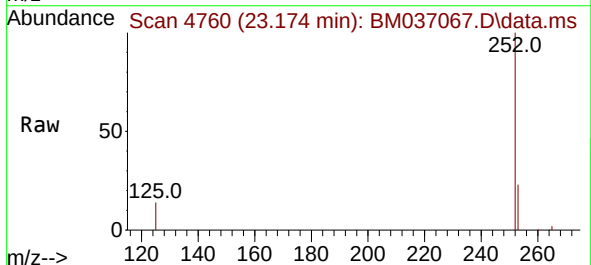
Manual Integrations
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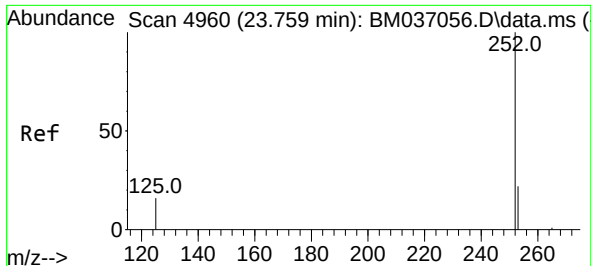
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#25
Benzo(k)fluoranthene
Concen: 6.553 ng/ul m
RT: 23.174 min Scan# 4760
Delta R.T. -0.009 min
Lab File: BM037067.D
Acq: 14 Oct 2022 23:15

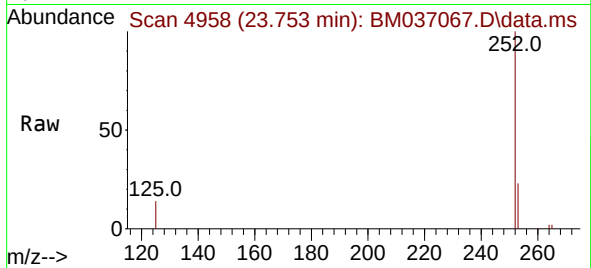
Tgt Ion:252 Resp: 372537
Ion Ratio Lower Upper
252 100
253 23.5 25.2 37.8#
125 14.4 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 14.046 ng/ul
RT: 23.753 min Scan# 4958
Delta R.T. -0.006 min
Lab File: BM037067.D
Acq: 14 Oct 2022 23:15

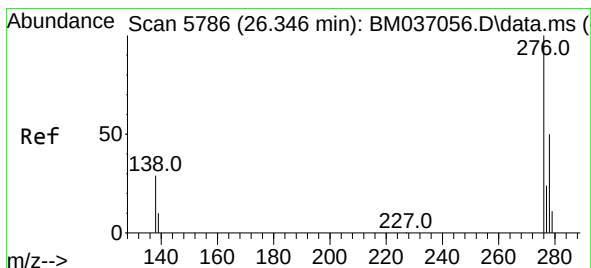
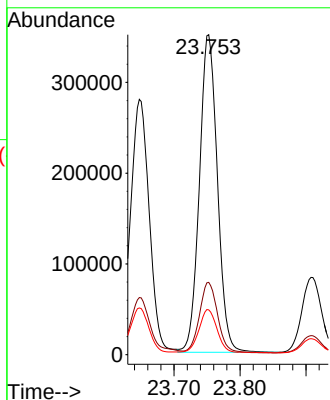
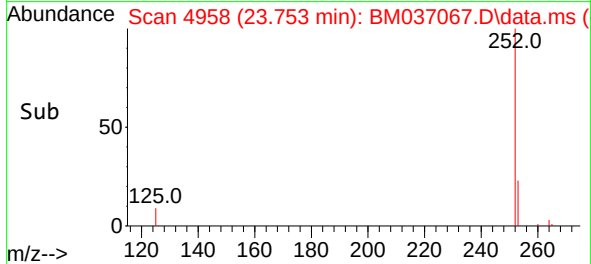
Instrument :
BNA_M
ClientSampleId :
C0BG6



Tgt Ion:252 Resp: 664894
Ion Ratio Lower Upper
252 100
253 22.6 29.7 44.5
125 14.0 23.6 35.4

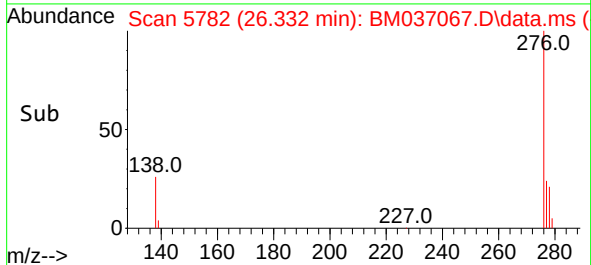
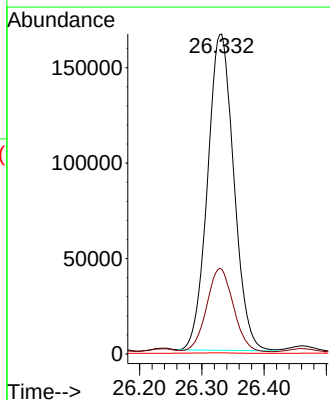
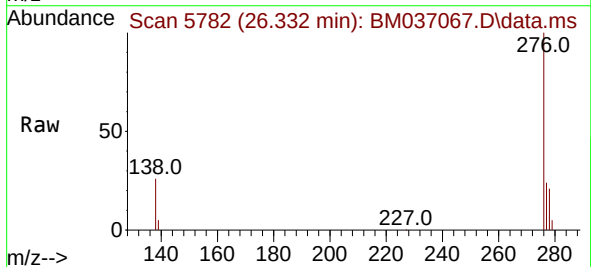
Manual Integrations
APPROVED

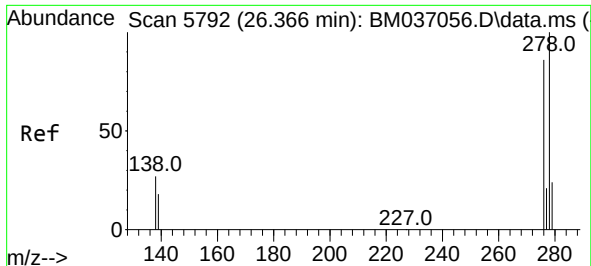
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 7.250 ng/ul
RT: 26.332 min Scan# 5782
Delta R.T. -0.010 min
Lab File: BM037067.D
Acq: 14 Oct 2022 23:15

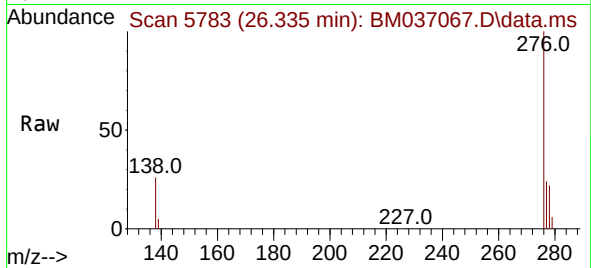
Tgt Ion:276 Resp: 486135
Ion Ratio Lower Upper
276 100
138 26.8 23.9 35.9
227 0.3 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 2.349 ng/ul m
RT: 26.335 min Scan# 5
Delta R.T. -0.027 min
Lab File: BM037067.D
Acq: 14 Oct 2022 23:15

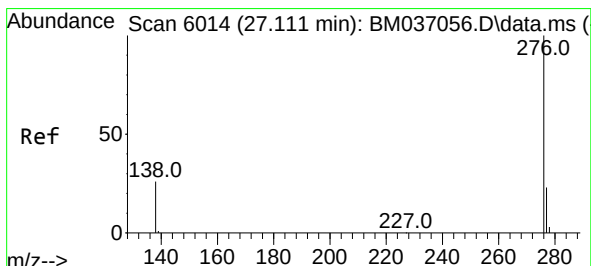
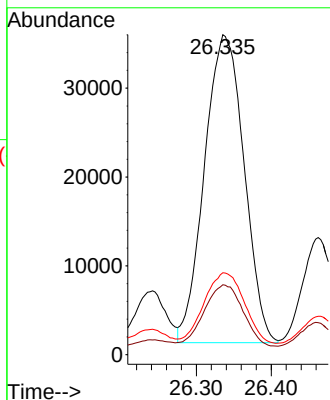
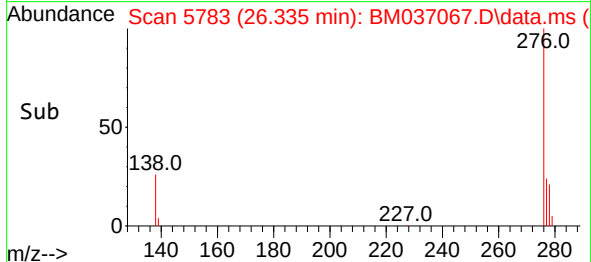
Instrument :
BNA_M
ClientSampleId :
C0BG6



Tgt Ion:278 Resp: 12726
Ion Ratio Lower Upper
278 100
139 21.9 19.8 29.6
279 25.6 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: 7.170 ng/ul
RT: 27.097 min Scan# 6010
Delta R.T. -0.010 min
Lab File: BM037067.D
Acq: 14 Oct 2022 23:15

Tgt Ion:276 Resp: 423696
Ion Ratio Lower Upper
276 100
138 27.2 23.4 35.0
277 23.9 21.0 31.4

