

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037070.D
 Acq On : 15 Oct 2022 01:02
 Operator : CG/JU
 Sample : N5049-07
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COBL8

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 02:31:42 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	6518	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	23585	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.557	164	14577	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	27261	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	16843	0.400	ng/ul	# 0.00
23) Perylene-d12	23.855	264	13061	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	47910	5.212	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	12622	0.354	ng/ul	-0.01
18) Fluoranthene-d10	19.318	212	25230	0.501	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.781	128	512592	7.602	ng/ul	96
7) 2-Methylnaphthalene	12.387	142	375195	9.097	ng/ul	91
8) 1-Methylnaphthalene	12.607	142	287472	6.862	ng/ul	99
10) Acenaphthylene	14.280	152	121639	2.008	ng/ul#	96
11) Acenaphthene	14.622	153	9769	0.186	ng/ul	94
12) Fluorene	15.603	166	15102	0.253	ng/ul#	76
15) Phenanthrene	17.339	178	491925	5.652	ng/ul	99
16) Anthracene	17.428	178	93330	1.283	ng/ul	99
19) Fluoranthene	19.350	202	594924	8.880	ng/ul	98
20) Pyrene	19.713	202	688204	9.851	ng/ul	98
21) Benzo(a)anthracene	21.452	228	328968	5.406	ng/ul	97
22) Chrysene	21.502	228	432270	6.616	ng/ul	98
24) Benzo(b)fluoranthene	23.127	252	548102	9.394	ng/ul	85
25) Benzo(k)fluoranthene	23.171	252	186357m	3.278	ng/ul	
26) Benzo(a)pyrene	23.749	252	297973	6.294	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.322	276	249092	3.715	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.332	278	61175	1.129	ng/ul#	92
29) Benzo(g,h,i)perylene	27.090	276	211094	3.572	ng/ul	96

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

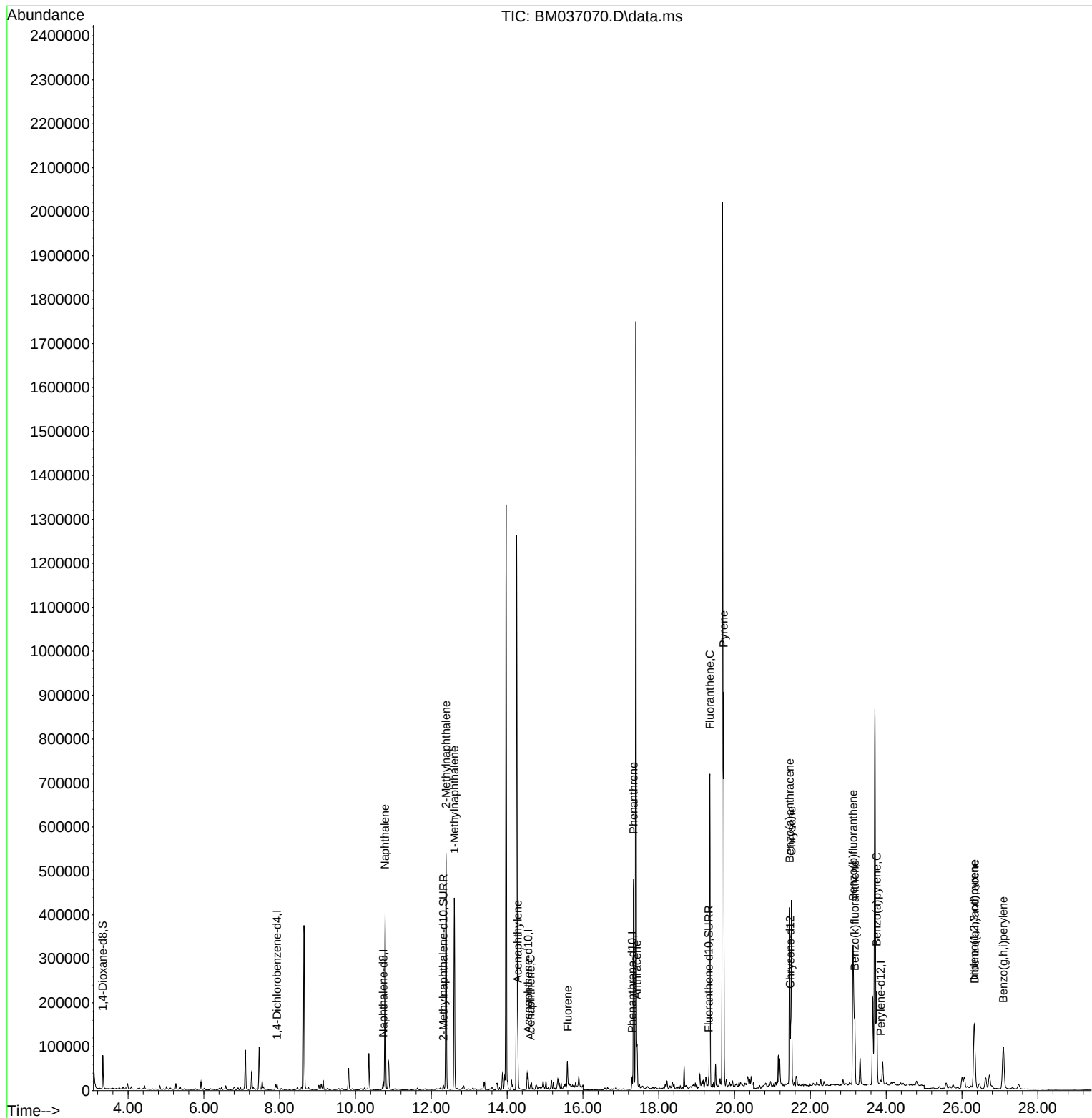
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
Data File : BM037070.D
Acq On : 15 Oct 2022 01:02
Operator : CG/JU
Sample : N5049-07
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ALS Vial : 66 Sample Multiplier: 1

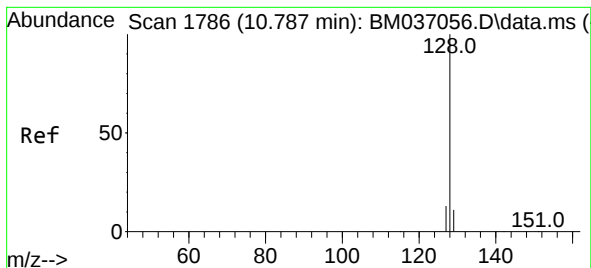
Instrument :
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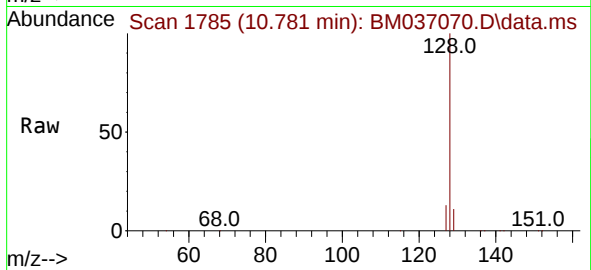
Quant Time: Oct 15 02:31:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 07:11:07 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 7.602 ng/ul
RT: 10.781 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

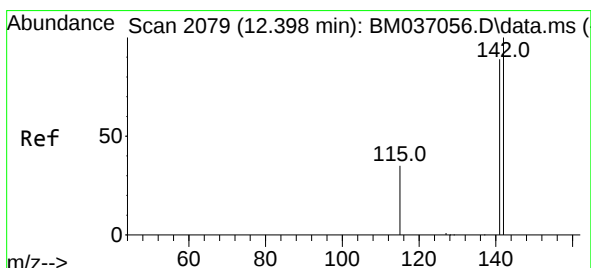
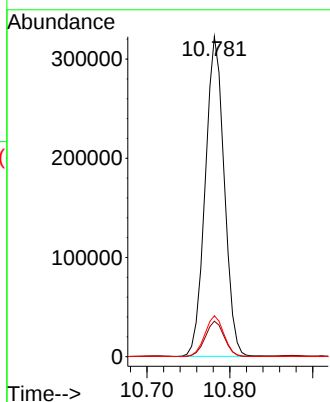
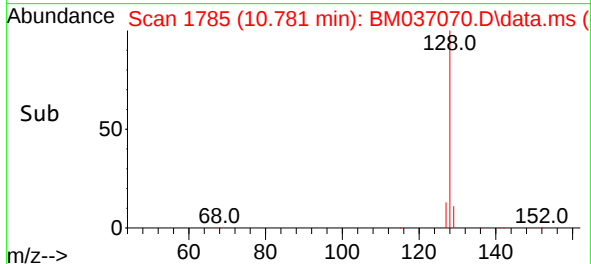
Instrument :
BNA_M
ClientSampleId :
COBL8



Tgt Ion:128 Resp: 512592
Ion Ratio Lower Upper
128 100
129 11.1 10.2 15.2
127 12.8 11.7 17.5

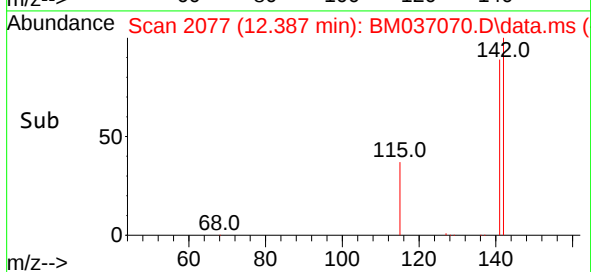
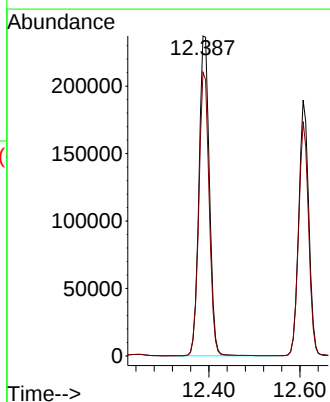
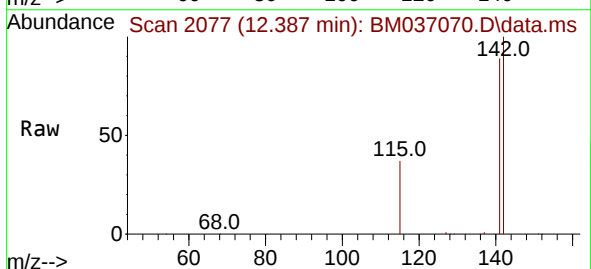
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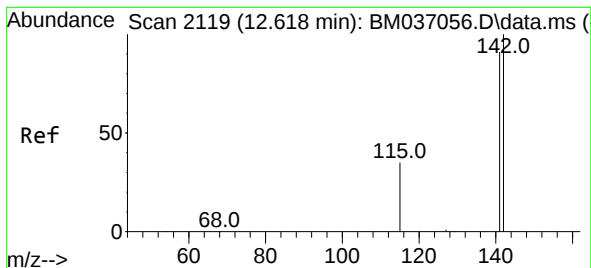
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#7
2-Methylnaphthalene
Concen: 9.097 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.011 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

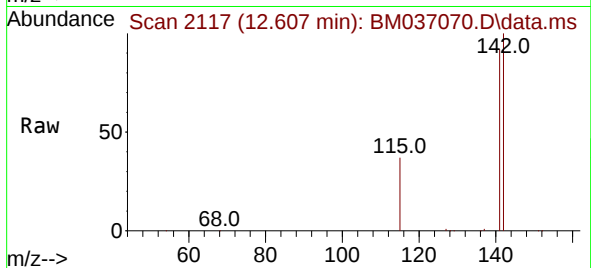
Tgt Ion:142 Resp: 375195
Ion Ratio Lower Upper
142 100
141 87.9 77.4 116.0





#8
1-Methylnaphthalene
Concen: 6.862 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

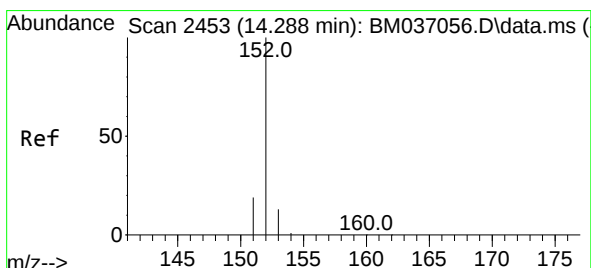
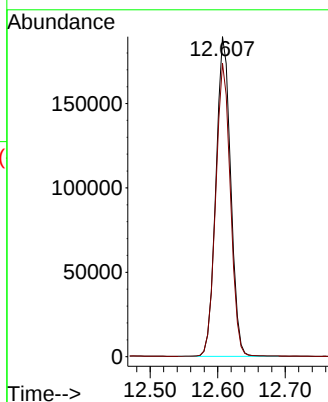
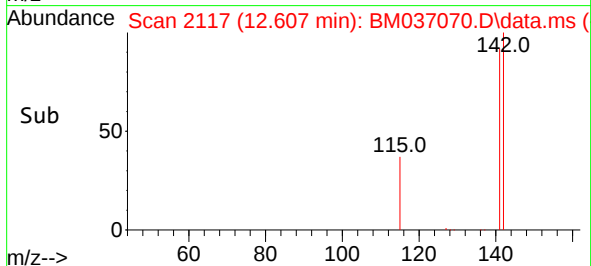
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 287472
Ion Ratio Lower Upper
142 100
141 91.4 74.1 111.1

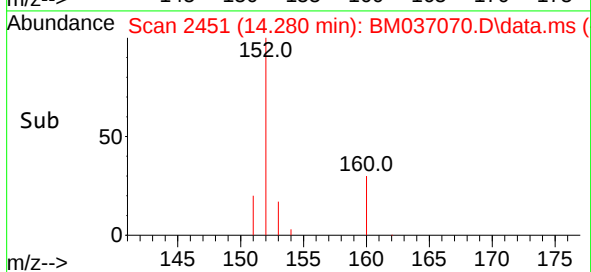
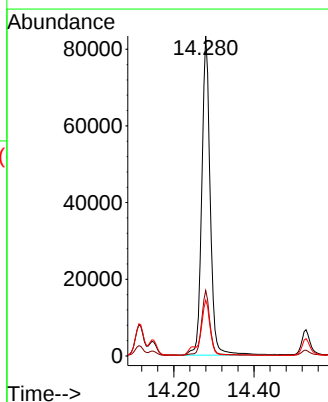
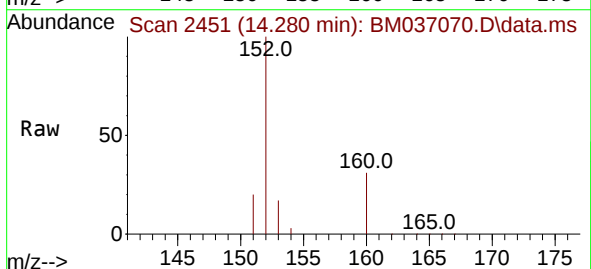
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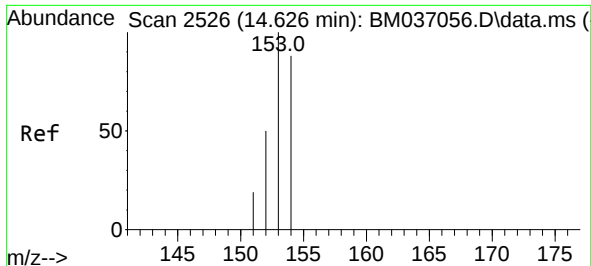
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#10
Acenaphthylene
Concen: 2.008 ng/ul
RT: 14.280 min Scan# 2451
Delta R.T. -0.005 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

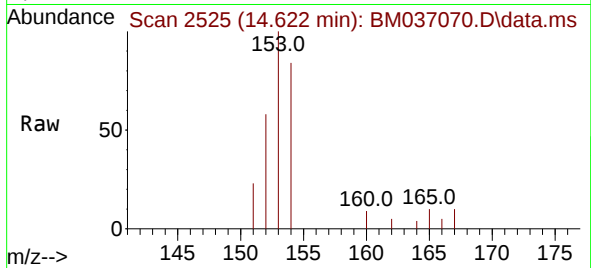
Tgt Ion:152 Resp: 121639
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8
153 17.4 11.4 17.0#





#11
Acenaphthene
Concen: 0.186 ng/u1
RT: 14.622 min Scan# 2526
Delta R.T. -0.005 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

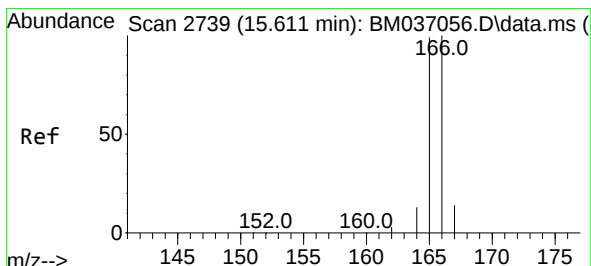
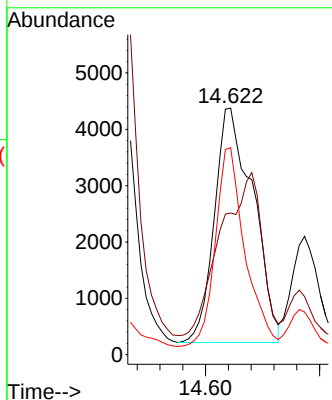
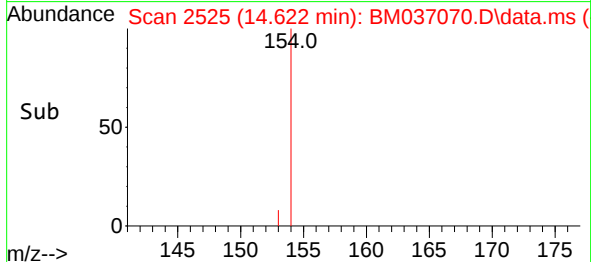
Instrument :
BNA_M
ClientSampleId :
COBL8



Tgt Ion:153 Resp: 9769
Ion Ratio Lower Upper
153 100
152 57.5 40.2 60.4
154 83.9 69.7 104.5

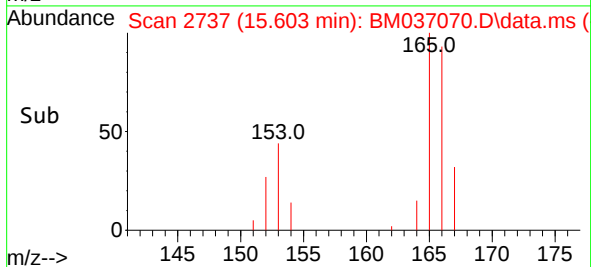
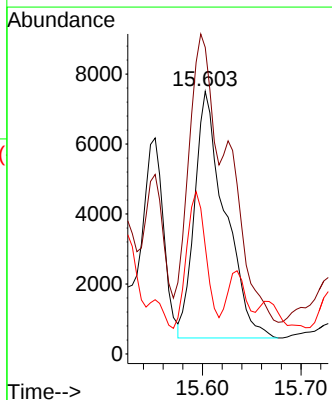
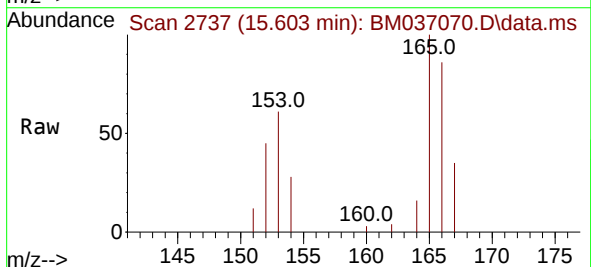
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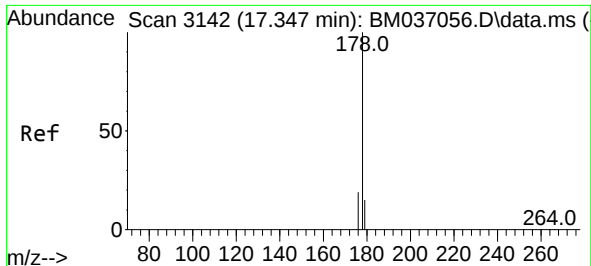
Reviewed By :Yogesh Patel 10/15/2022
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#12
Fluorene
Concen: 0.253 ng/u1
RT: 15.603 min Scan# 2737
Delta R.T. -0.005 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

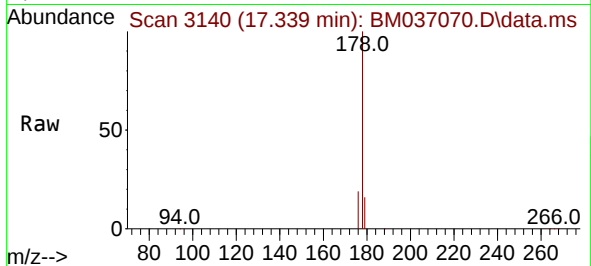
Tgt Ion:166 Resp: 15102
Ion Ratio Lower Upper
166 100
165 116.7 78.9 118.3
167 41.0 11.3 16.9#





#15
Phenanthrene
Concen: 5.652 ng/u1
RT: 17.339 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

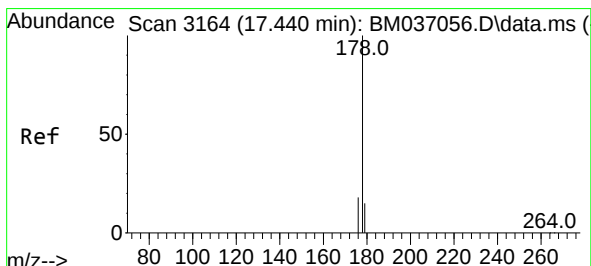
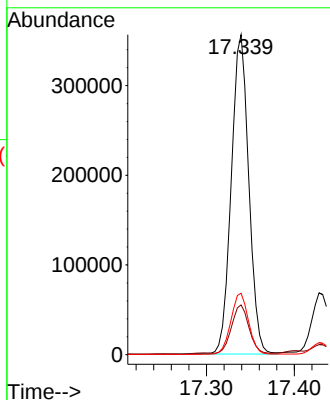
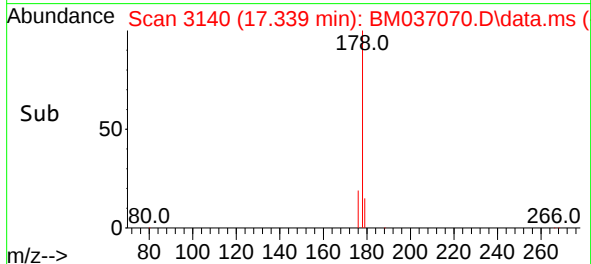
Instrument :
BNA_M
ClientSampleId :
COBL8



Tgt Ion:178 Resp: 491925
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.2 15.6 23.4

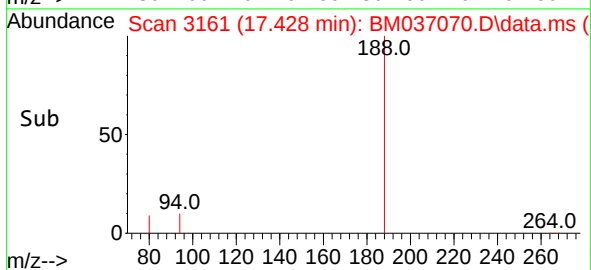
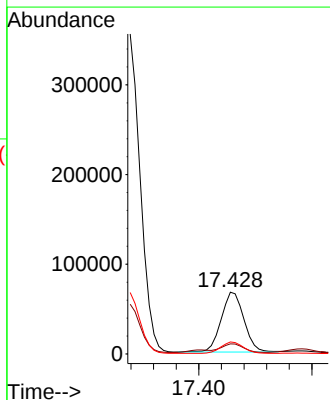
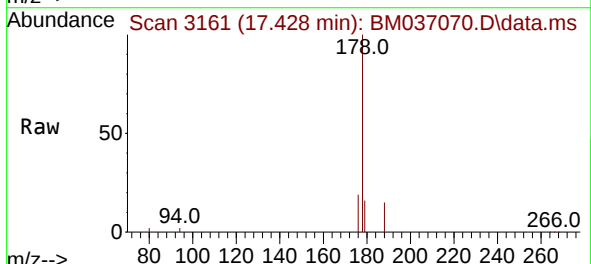
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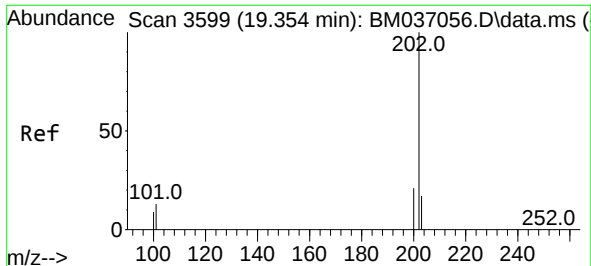
Reviewed By :Yogesh Patel 10/15/2022
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#16
Anthracene
Concen: 1.283 ng/u1
RT: 17.428 min Scan# 3161
Delta R.T. -0.009 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

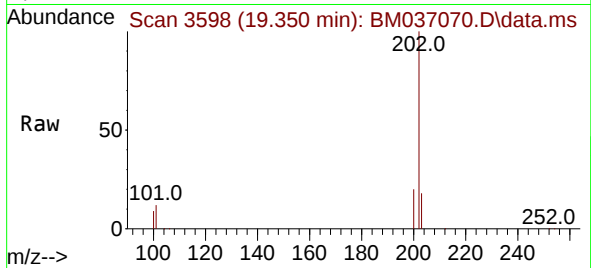
Tgt Ion:178 Resp: 93330
Ion Ratio Lower Upper
178 100
179 16.4 13.6 20.4
176 19.4 15.6 23.4





#19
Fluoranthene
Concen: 8.880 ng/u1
RT: 19.350 min Scan# 3599
Delta R.T. -0.005 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

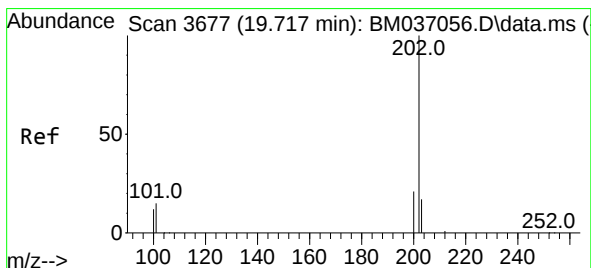
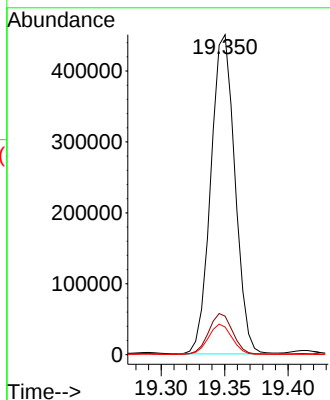
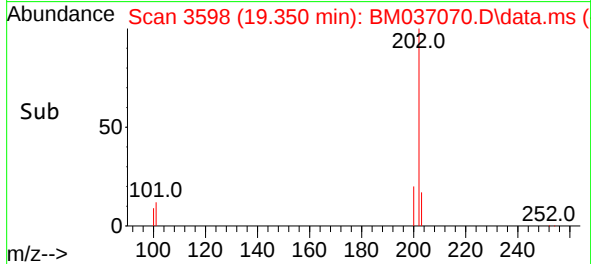
Instrument :
BNA_M
ClientSampleId :
COBL8



Tgt Ion:202 Resp: 594924
Ion Ratio Lower Upper
202 100
101 12.1 10.1 15.1
100 8.7 7.9 11.9

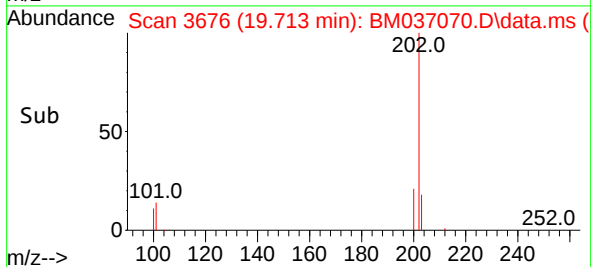
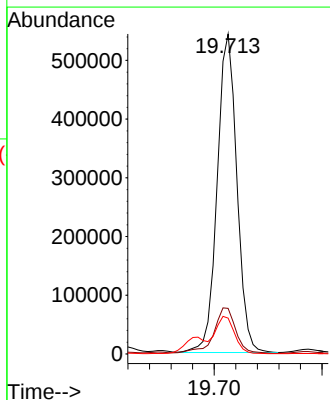
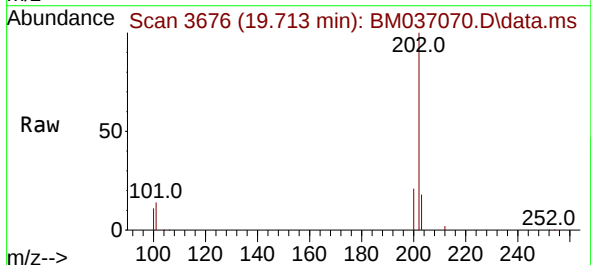
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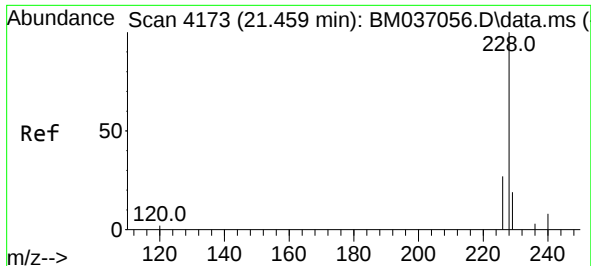
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#20
Pyrene
Concen: 9.851 ng/u1
RT: 19.713 min Scan# 3676
Delta R.T. -0.005 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

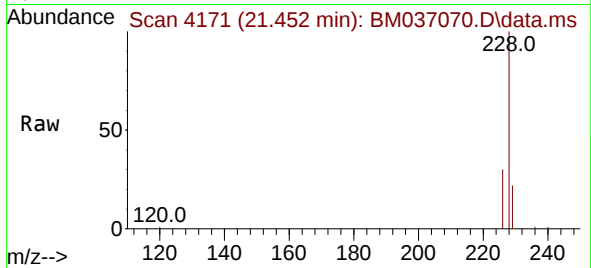
Tgt Ion:202 Resp: 688204
Ion Ratio Lower Upper
202 100
101 14.3 12.0 18.0
100 11.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 5.406 ng/u1
RT: 21.452 min Scan# 4171
Delta R.T. -0.006 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

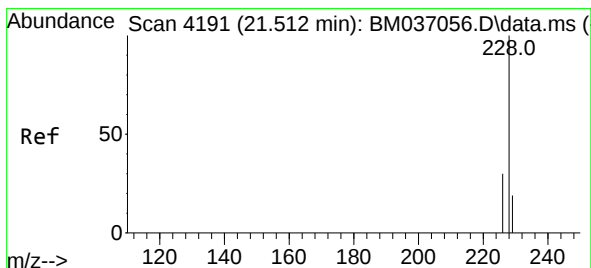
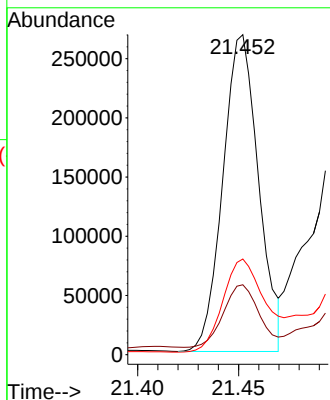
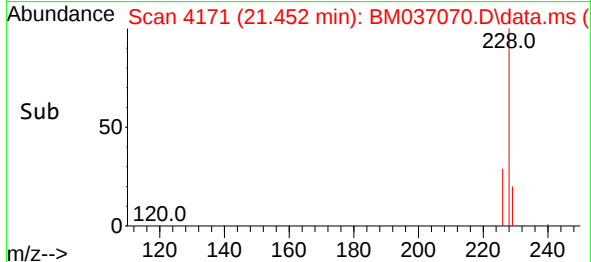
Instrument :
BNA_M
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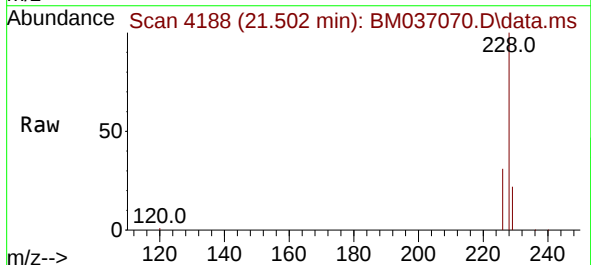
Tgt Ion:228 Resp: 32896
Ion Ratio Lower Upper
228 100
229 21.9 16.2 24.2
226 29.9 22.5 33.7

Manual Integrations
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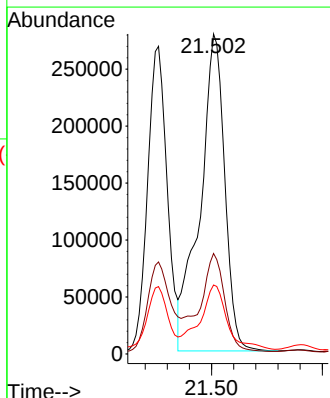
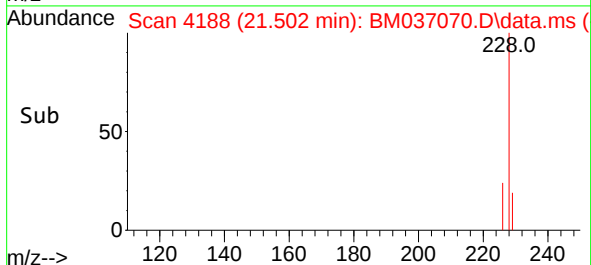
Reviewed By :Yogesh Patel 10/15/2022
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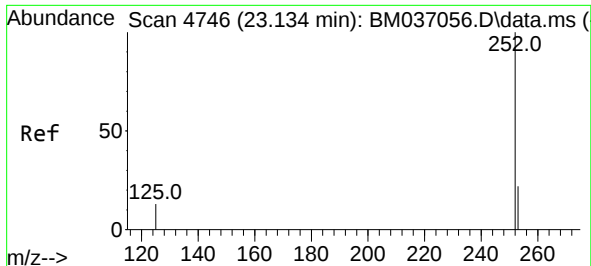


#22
Chrysene
Concen: 6.616 ng/u1
RT: 21.502 min Scan# 4188
Delta R.T. -0.009 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02



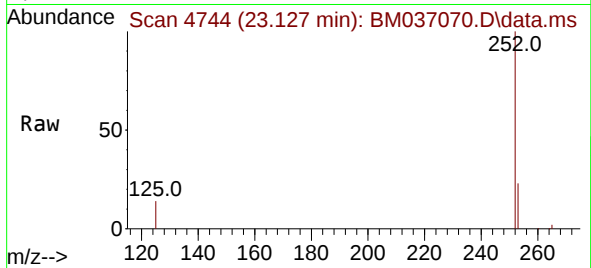
Tgt Ion:228 Resp: 432270
Ion Ratio Lower Upper
228 100
226 31.4 24.6 37.0
229 21.6 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 9.394 ng/ul
RT: 23.127 min Scan# 4744
Delta R.T. -0.009 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

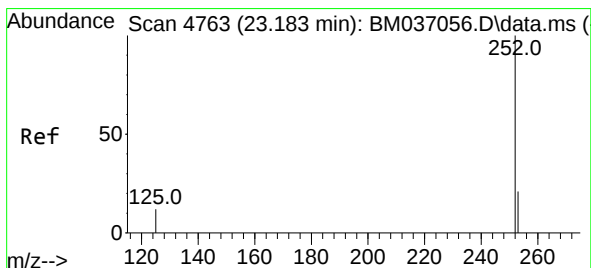
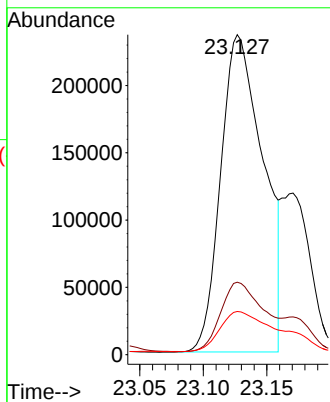
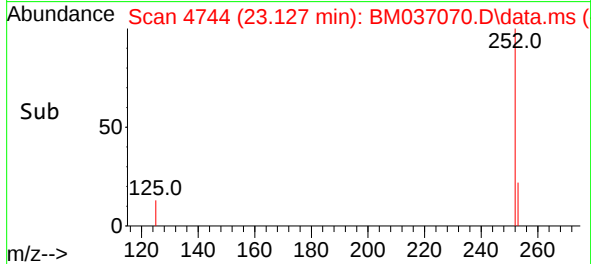
Instrument :
BNA_M
ClientSampleId :
C0BL8



Tgt Ion:252 Resp: 54810
Ion Ratio Lower Upper
252 100
253 22.7 0.0 61.4
125 13.5 0.0 42.6

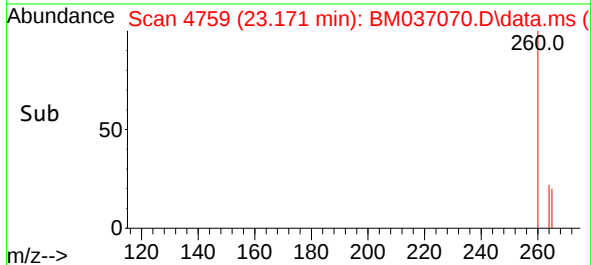
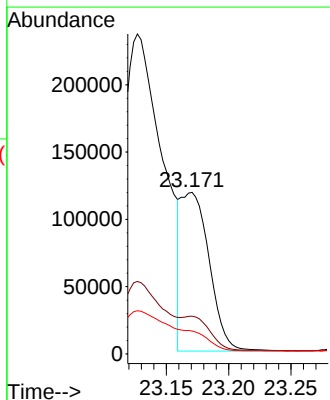
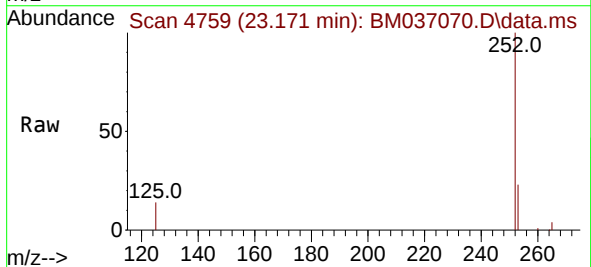
Manual Integrations
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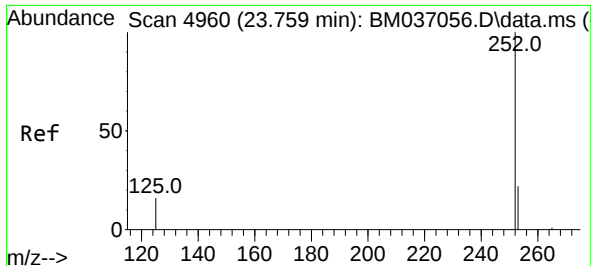
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#25
Benzo(k)fluoranthene
Concen: 3.278 ng/ul m
RT: 23.171 min Scan# 4759
Delta R.T. -0.012 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

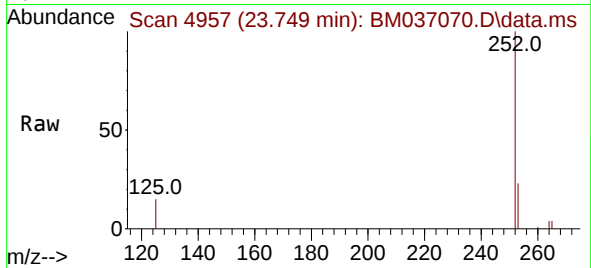
Tgt Ion:252 Resp: 186357
Ion Ratio Lower Upper
252 100
253 23.4 25.2 37.8#
125 14.1 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 6.294 ng/ul
RT: 23.749 min Scan# 4957
Delta R.T. -0.009 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

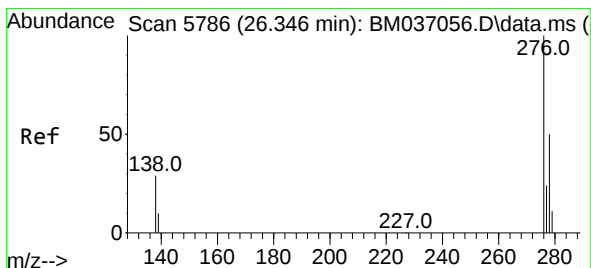
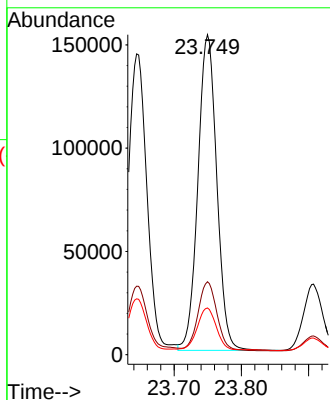
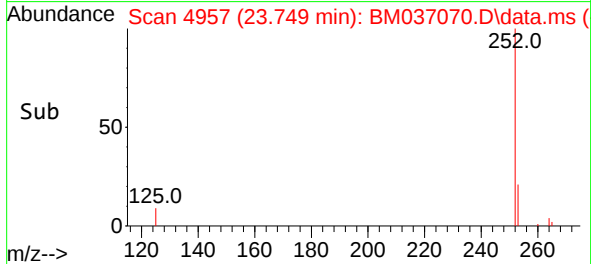
Instrument :
BNA_M
ClientSampleId :
COBL8



Tgt Ion:252 Resp: 297973
Ion Ratio Lower Upper
252 100
253 22.8 29.7 44.5
125 14.6 23.6 35.4

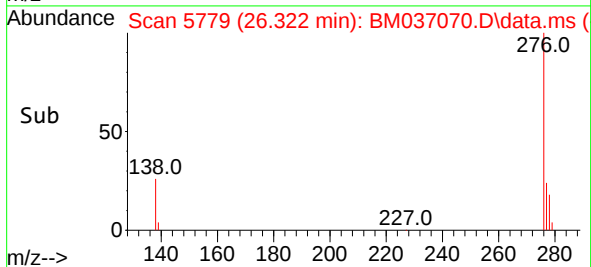
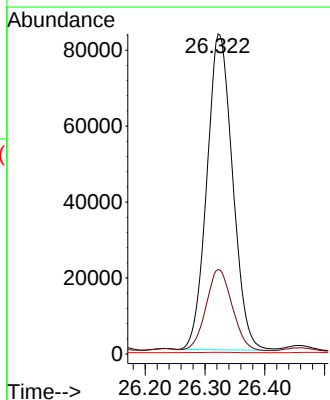
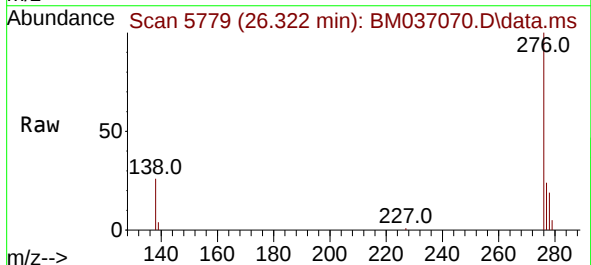
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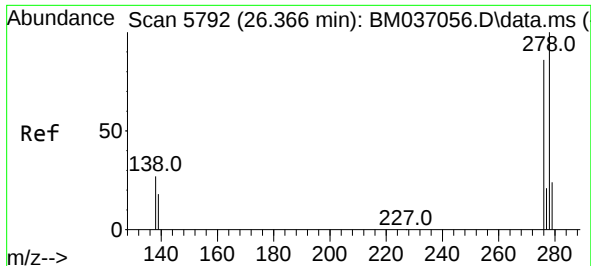
Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.715 ng/ul
RT: 26.322 min Scan# 5779
Delta R.T. -0.020 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

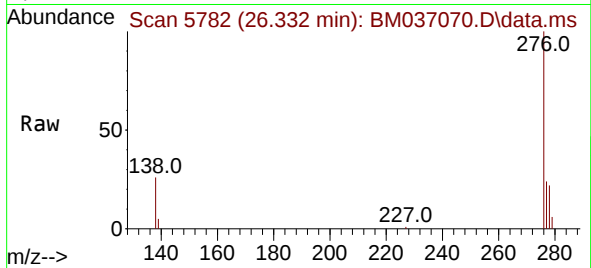
Tgt Ion:276 Resp: 249092
Ion Ratio Lower Upper
276 100
138 26.2 23.9 35.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 1.129 ng/ul
RT: 26.332 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02

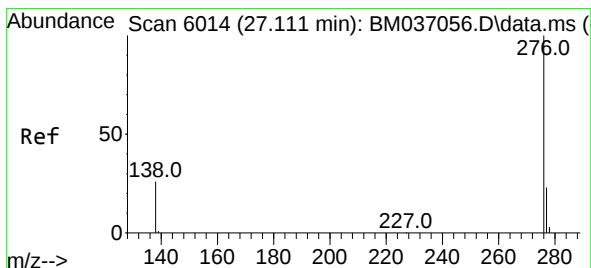
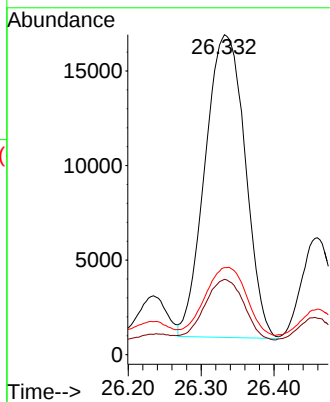
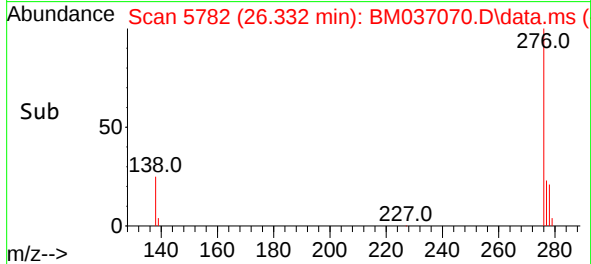
Instrument :
BNA_M
ClientSampleId :
COBL8



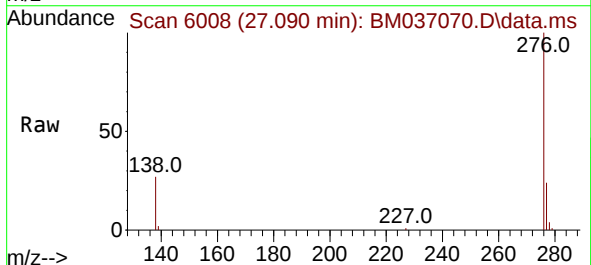
Tgt Ion:278 Resp: 6117
Ion Ratio Lower Upper
278 100
139 23.5 19.8 29.6
279 27.2 27.7 41.5

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



#29
Benzo(g,h,i)perylene
Concen: 3.572 ng/ul
RT: 27.090 min Scan# 6008
Delta R.T. -0.017 min
Lab File: BM037070.D
Acq: 15 Oct 2022 01:02



Tgt Ion:276 Resp: 211094
Ion Ratio Lower Upper
276 100
138 27.2 23.4 35.0
277 24.1 21.0 31.4

